Environment Canada Environnement Canada

Historical Streamflow Summary

Ontario

Sommaire chronologique de l'écoulement

TO/JUSQU'À **1990**

INLAND WATERS DIRECTORATE
WATER RESOURCES BRANCH
WATER SURVEY OF CANADA
OTTAWA, CANADA, 1992

DIRECTION GÉNÉRALE DES EAUX INTÉRIEURES
DIRECTION DES RESSOURCES EN EAU
DIVISION DES RELEVÉS HYDROLOGIQUES DU CANADA
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PREFACE

This publication was prepared by personnel of the Water Survey of Canada Division under the direction of the Director, Water Resources Branch, Department of the Environment, Ottawa.

The basic data were collected and compiled under the supervision of the Regional Chiefs of the Water Resources Branch at Guelph, Ontario and Winnipeg, Manitoba.

The co-operation received from provincial agencies and from other organizations is gratefully acknowledged.

PRÉFACE

La Division des relevés hydrologiques du Canada, sous l'autorité du Directeur des ressources en eau du ministère de l'Environnement (Ottawa), a préparé la présente publication.

On a recueilli et compilé les données de base sous la supervision des Chefs régionaux de la Direction des ressources en eau, à Guelph (Ontario) et Winnipeg (Manitoba).

On remercie vivement les organismes provinciaux, ou autres, pour la coopération qu'ils ont apportée.

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INTRODUCTION

The Water Resources Branch of the Department of the Environment herein presents a summary of monthly and annual mean discharges and annual extremes of discharge for rivers in Ontario for which streamflow data to 1990 inclusive have been collected by the Water Survey of Canada. This edition supersedes all previous editions.

A program for the collection and publication of Surface Water Data has been carried on across Canada for over 75 years. The results of these hydrometric survey investigations have been published annually.

Discharge data are available on punched cards or magnetic tape for computer processing. These data and details on individual stations and related records, as well as recent data which have not yet been published may be obtained upon application to:

Regional Chief,
Water Resources Branch,
Department of the Environment,
Federal Building,
75 Farquhar Street,
Guelph, Ontario.
N1H 3N4
(519 821-0110)

Regional Chief,
Water Resources Branch,
Department of the Environment,
521 Federal Building,
269 Main Street,
Winnipeg, Manitoba.
R3C 1B2
(204 949-2434)

or to the Water Resources Branch, Department of the Environment, Ottawa, Ontario, K1A 0H3 (819 997-2098).

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INTRODUCTION

La Direction des ressources en eau du ministère de l'Environnement présente un sommaire des moyennes mensuelles et annuelles de l'écoulement et des extrêmes annuels de cours d'eau de l'Ontario, pour lesquels la Division des relevés hydrologiques du Canada a obtenu des données jusqu'en 1990 inclusivement. La présente publication annule toutes les éditions antérieures.

La cueillette et la publication de données sur les eaux de surface sont en oeuvre depuis plus de 75 années au Canada. Les données obtenues à partir des relevés hydrométriques sont publiées annuellement.

On peut se procurer les données sur l'écoulement sous forme de cartes perforées ou de rubans magnétiques pour traitement sur ordinateur. En s'adressant aux endroits ci-après, on peut obtenir ces données, des renseignements supplémentaires sur certaines stations particulières et divers relevés ainsi que des données récentes non encore publiées:

Chef régional
Direction des ressources en eau
Ministère de l'Environnement
Édifice fédéral
75, rue Farquhar
Guelph (Ontario)
N1H 3N4
(519 821-0110)

Chef régional
Direction des ressources en eau
Ministère de l'Environnement
521 Édifice fédéral
269, rue Main
Winnipeg (Manitoba)
R3C 1B2
(204 949-2434)

ou au Direction des ressources en eau, ministère de l'Environnement, Ottawa (Ontario), K1A 0H3 (819 997-2098).

ORGANIZATION AND HISTORY OF HYDROMETRIC SURVEY OPERATIONS

Hydrometric surveys in Ontario were conducted by the Water Survey of Canada under agreement with the Province of Ontario. The provincial authorities contributed to the cost of the basic field investigations which were carried out in accordance with mutually agreed-upon plans.

In Ontario, hydrometric survey operations during the years 1912 to 1919 were carried out by the Hydro-Electric Power Commission of Ontario and the results were published in the annual reports of the Commission. Commencing October 1, 1919, under the terms of a co-operative arrangement with the Commission, the Dominion Water and Power Bureau assumed the responsibility for the hydrometric and fundamental water resources investigations in the province. Although this arrangement was terminated on March 31, 1933 work was continued by the federal government under letter arrangement with the Province of Ontario and the Hydro-Electric Power Commission until 1975. A co-operative agreement, (with an implementation date of April 1, 1975), was signed with the Government of Ontario on June 12, 1975. The agreement provides that water quantity surveys will be continued by the federal government on a shared cost basis and in close co-operation with Ontario Hydro, Ontario Ministry of Natural Resources and the Ontario Ministry of the Environment.

ORGANISATION ET HISTORIQUE DES RELEVÉS HYDROMÉTRIQUES

La Division des relevés hydrologiques du Canada a effectué des relevés hydrométriques en Ontario en vertu de l'accord conclu avec les autorités provinciales, qui ont contribué au coût des recherches de base réalisées sur le terrain, après entente mutuelle sur leur programme.

En Ontario, la Commission d'énergie hydro-électrique de l'Ontario a effectué entre 1912 et 1919 des relevés hydrométriques, et on a publié dans les rapports annuels de cette Commission les résultats ainsi recueillis. En vertu d'une entente de coopération conclue avec cette dernière, le Bureau fédéral de l'eau et de l'énergie a assumé, à compter du 1er octobre 1919, la responsabilité de la conduite, en Ontario, de recherches hydrométriques et de recherches fondamentales sur les ressources en eau. L'entente a pris fin le 31 mars 1933, mais en vertu d'une lettre d'entente avec la province de l'Ontario et la Commission d'énergie hydro-électrique de l'Ontario, le gouvernement fédéral a continué d'exécuter les observations hydrométriques jusqu'en 1975. Le 12 juin 1975, le gouvernement de l'Ontario a signé un nouvel accord, qui est entré en vigueur le 1er avril 1975, renfermant des dispositions grâce auxquelles le gouvernement fédéral s'occupera du programme de relevés hydrométriques, en étroite collaboration avec l'Hydro-Ontario et les ministères des Ressources naturelles et de l'Environnement de l'Ontario, et partagera le coût des mesures avec la province.

CO–OPERATION AND ACKNOWLEDGMENTS

Co-operative undertakings with other agencies form an important part of the activities of the Water Survey of Canada. Close co-operation has been maintained with public agencies and private organizations concerned with water resources. Runoff and other data have been mutually exchanged and stream-gauging operations have been facilitated by the assistance received from a number of organizations.

On waters adjacent to the International Boundary, certain gauging stations are maintained by Canada (or the United States) under agreement with the United States (or Canada) and the records are collected and compiled in a manner equally acceptable to both countries. These stations are designated as "International Gauging Stations" in this publication.

For the valuable assistance and co-operation received in obtaining hydrometric survey records, the Water Survey of Canada is indebted to many organizations.

The names of these organizations are given in the Surface Water Data Reference Index and the annual Surface Water Data publications. The names of agencies who have contributed data for publication are identified herein under individual stations.

COOPÉRATION ET REMERCIEMENTS

Le travail entrepris en coopération avec d'autres organismes représente une partie importante des activités de la Division des relevés hydrologiques du Canada. On a maintenu une étroite collaboration avec les organismes, publics ou privés, qui s'intéressent aux ressources en eau. On a échangé des données portant sur l'écoulement ou sur d'autres points, et l'assistance fournie par beaucoup d'organismes a facilité les opérations de jaugeage.

Pour ce qui est des eaux adjacentes à la frontière internationale, certaines stations de jaugeage dépendent du Canada (ou des États-Unis) suite à un accord avec les États-Unis (ou le Canada), et les relevés sont faits et compilés de façon à satisfaire les deux pays. Ces stations sont nommées «Stations internationales de jaugeage».

La Division des relevés hydrologiques du Canada est redevable à maints organismes de l'aide et de la collaboration précieuses qu'ils lui ont apportées lors de la prise des relevés hydrométriques.

On trouvera les noms des organismes dans l'*Index de référence des données sur les eaux de surface* et dans les publications annuelles des *Données sur les eaux de surface*. Les noms des organismes qui ont fourni des données apparaissent dans la présente publication sous les stations particulières.

EQUIVALENTS OF MEASURE

The following list of convenient equivalents of measure includes the relationship between imperial units and the International System of Units (SI).

1 inch equals 2.54 cm (centimetres)
1 foot equals 0.3048 m (metre)
1 statute mile equals 1.6093 km (kilometres)

1 cm (centimetre) equals 0.393 70 inch
1 m (metre) equals 3.2808 feet
1 km (kilometre) equals 0.621 37 mile

1 acre equals 43 560 square feet
1 acre equals 0.404 69 ha (hectare)
1 square mile equals 640 acres
1 square mile equals 2.5900 km^2 (square kilometres)
1 square mile equals 259.0 ha (hectares)

1 ha (hectare) equals 10 000 m^2 (square metres)
1 ha (hectare) equals 2.4710 acres
1 km^2 (square kilometre) equals 0.386 10 square mile

1 cubic foot equals 6.2288 imperial gallons
1 imperial gallon equals 4.546 09 L (litres)
1 imperial gallon equals 1.2010 U.S. gallons
1 U.S. gallon equals 0.133 68 cubic foot
1 cubic foot equals 0.028 317 m^3 (cubic metre)
1 m^3 (cubic metre) equals 35.315 cubic feet
1 dam^3 (cubic decametre) equals 1000 m^3 (cubic metres)
1 dam^3 (cubic decametre) equals 1 mm (millimetre) over 1 km^2 (square kilometre)

1 cubic foot per second for one day equals 1.9835 acre-feet
1 cubic foot per second for one day covers one square mile to a depth of 0.037 19 inch
1 acre-foot equals 1.2335 dam^3 (cubic decametres)
1 m^3/s (cubic metre per second) for one day equals 86.4 dam^3 (cubic decametre)
1 m^3/s (cubic metre per second) for one day covers one square kilometre to a depth of 0.0864 m (metre)

1 foot per second equals 0.6818 mile per hour
1 mile per hour equals 1.467 feet per second
1 m/s (metre per second) equals 3.6 km/h (kilometre per hour)
1 km/h (kilometre per hour) equals 0.2778 m/s (metre per second)

1 cubic foot per second equals 0.028 317 m^3/s (cubic metre per second)
1 m^3/s (cubic metre per second) equals 35.315 cubic feet per second

1 pound equals 0.453 59 kg (kilogram)
1 kg (kilogram) equals 2.2046 pounds

1 short ton (2000 pounds) equals 0.907 18 t (tonne)
1 t (tonne) equals 2204.6 pounds

degrees Celsius = 5/9 (degrees Fahrenheit − 32)
degrees Fahrenheit = 9/5 (degrees Celsius) + 32

ÉQUIVALENCES DES UNITÉS DE MESURE

Voici une liste des unités de mesure impériales et leurs équivalences dans le Système international d'unités (SI).

1 pouce vaut 2.54 cm (centimètres)
1 pied vaut 0.3048 m (mètre)
1 mille terrestre équivaut à 1.6093 km (kilomètre)

1 cm (centimètre) équivaut à 0.393 70 pouce
1 m (mètre) équivaut à 3.2808 pieds
1 km (kilomètre) équivaut à 0.621 37 mille

1 acre vaut 43 560 pieds carrés
1 acre équivaut à 0.404 69 ha (hectare)
1 mille carré vaut 640 acres
1 mille carré équivaut à 2.5900 km^2 (kilomètres carrés)
1 mille carré équivaut à 259.0 ha (hectare)

1 ha (hectare) vaut 10 000 m^2 (mètres carrés)
1 ha (hectare) équivaut à 2.4710 acres
1 km^2 (kilomètre carré) équivaut à 0.386 10 mille carré

1 pied cube équivaut à 6.2288 gallons impérials
1 gallon impérial vaut 4.546 09 L (litres)
1 gallon impérial équivaut à 1.2010 gallon américain
1 gallon américain équivaut à 0.133 68 pied cube
1 pied cube vaut 0.028 317 m^3 (mètre cube)
1 m^3 (mètre cube) vaut 35.315 pieds cubes
1 dam^3 (décamètre cube) vaut 1000 m^3 (mètres cubes)
1 dam^3 (décamètre cube) vaut 1 mm (millimètre) qui couvre 1 km^2 (kilomètre carré)

1 pied cube par seconde pendant un jour équivaut à 1.9835 acre-pied
1 pied cube par seconde pendant un jour équivaut à un volume d'un mille carré par 0.037 19 pouce
1 acre-pied équivaut à 1.2335 dam^3 (décamètres cubes)
1 m^3/s (mètre cube par seconde) pour un jour vaut 86.4 dam^3 (décamètre cube)
1 m^3/s (mètre cube par seconde) pour un jour couvre un kilomètre carré à une profondeur de 0.0864 m (mètre)

1 pied par seconde équivaut à 0.6818 mille par heure
1 mille par heure équivaut à 1.467 pied par seconde
1 m/s (mètre par seconde) vaut 3.6 km/h (kilomètre par heure)
1 km/h (kilomètre par heure) vaut 0.2778 m/s (mètre par seconde)

1 pied cube par seconde équivaut à 0.028 317 m^3/s (mètre cube par seconde)
1 m^3/s (mètre cube par seconde) équivaut à 35.315 pieds cubes par seconde

1 livre équivaut à 0.453 59 kg (kilogramme)
1 kg (kilogramme) équivaut à 2.2046 livres

1 tonne courte (2000 livres) équivaut à 0.907 18 t (tonne)
1 t (tonne) équivaut à 2204.6 livres

degrés Celsius = 5/9 (degrés Fahrenheit − 32)
degrés Fahrenheit = 9/5 (degrés Celsius) + 32

DEFINITION OF TERMS AND ABBREVIATIONS

"Control" is the condition downstream from a gauging station that determines the stage-discharge relationship. It may be a stretch of rapids, a weir or other artificial structure. In the absence of such features, the control may be a less obvious condition such as a convergence of the channel or even simply the resistance to flow through a downstream reach. A shifting control exists where the stage-discharge relationship tends to change because of impermanent bed or banks.

"Cubic metres per second" (m^3/s) is a unit expressing rate of discharge. One cubic metre per second is equal to one cubic metre of water flowing past a particular point in one second. This is the basic unit in general use, other units being computed from it by the use of factors as given in the previous paragraph under "Equivalents of Measure".

"Gauging station" is a location where systematic records of stage or stage and discharge are obtained.

"Miscellaneous (or related) data" is all data not published in the regular series of hydrometric and sediment data publications such as unpublished water levels and the various parameters that are measured in obtaining discharge measurements, e.g. water depth, velocity, width, air and water temperatures, ice thickness. This also includes discharge measurements and water level and sediment observations obtained at locations which are not regular gauging stations. Various types of "derived" data could also be considered "miscellaneous", such as water levels and discharges at selected time intervals (usually hourly).

"Stage-discharge relationship" is the relation between the water level and the discharge at a gauging station.

PUBLICATION OF SURFACE WATER AND SEDIMENT DATA

Surface Water Data have been published in a variety of formats in imperial units since 1908 in approximately 300 publications which are now mostly out-of-print. Commencing with the 1979 publications, data are presented in the International System of Units (SI). However, the format has remained the same wherein Canada is divided into eight regions. The provinces each represent a separate region except for New Brunswick, Newfoundland, Nova Scotia and Prince Edward Island which together form the Atlantic Provinces region, and the Yukon and Northwest Territories which make up another. The publications are identified by the province(s) or territories covered and the year in which data were collected. These data are published annually on a calendar-year basis and the stations are listed alphabetically, with two years of data per page.

The first edition of a *Surface Water Data Reference Index* was published for data to 1966 by province or region. Subsequent editions were published annually or biennially in one publication for Canada. Commencing with the 1979 publication, data are

DÉFINITIONS DES TERMES ET ABRÉVIATIONS

«Élément régulateur» – élément qui conditionne l'écoulement en aval d'une station de jaugeage et qui détermine la relation hauteur-débit au niveau de la station. Ce peut être une série de rapides, un déversoir ou toute autre structure artificielle. En l'absence de ces structures, l'élément régulateur peut provenir d'une condition moins apparente comme le rétrécissement d'un chenal ou simplement la résistance à l'écoulement d'un tronçon situé en aval. Il y a élément régulateur changeant quand la relation hauteur-débit tend à être modifiée par un lit ou des rives instables.

«Mètres cubes par seconde» (m^3/s) – unité du taux d'écoulement. Un mètre cube par seconde équivaut à un mètre cube d'eau s'écoulant en un point donné en une seconde. C'est l'unité de base généralement employée, les autres unités dérivées à partir de celle-ci sont données sous la rubrique «Équivalences des unités de mesure».

«Station de jaugeage» – lieu où l'on effectue des relevés systématiques de la hauteur ou de la hauteur et du débit de l'eau.

«Les données diverses (ou connexes)» – représentent toutes les données qui ne sont pas publiées dans les séries régulières des publications sur les données hydrométriques et les sédiments, par exemple celles des niveaux des eaux et des autres paramètres qui sont mesurés en même temps que le débit, soit la profondeur de l'eau, sa vitesse, son étendue, la température de l'eau et de l'air, l'épaisseur de la glace. Les mesures de débit ainsi que les observations sur les niveaux des eaux et les sédiments, obtenues à des emplacements autres que les stations régulières de jaugeage, sont aussi incluses. D'autres types de données «dérivées» pourraient aussi être classées dans cette catégorie de données «diverses», à savoir les niveaux des eaux et les débits observés à des intervalles de temps précis (en général, toutes les heures).

«Relation hauteur-débit» – relation qui existe entre la hauteur et le débit au niveau d'une station de jaugeage.

PUBLICATION DES DONNÉES SUR LES EAUX DE SURFACE ET LES SÉDIMENTS

Depuis 1908, les *Données sur les eaux de surface* ont été publiées, en utilisant diverses formules et en ayant recours au système d'unités impériales, dans quelque 300 publications lesquelles sont pour la plupart épuisées. À partir de 1979, les données sont fournies dans le Système international d'unités (SI). Toutefois, la présentation est toujours la même, c'est-à-dire que le Canada est divisé en huit régions. Chaque province représente une région distincte sauf le Nouveau-Brunswick, la Terre-Neuve, la Nouvelle-Écosse et l'Île du Prince-Édouard qui constituent la région des provinces de l'Atlantique, comme c'est le cas aussi pour le Yukon et les Territoires du Nord-Ouest qui sont réunis en une seule région. Les publications sont identifiées par le nom des provinces ou territoires concernés et par l'année de la cueillette des données. Les données sont publiées annuellement, en fonction de l'année civile, et les stations sont classées par ordre alphabétique, chaque page de données couvrant deux années.

La première édition de l'*Index de référence des données sur les eaux de surface* comprenait les données disponibles jusqu'en 1966, de chaque province ou région. Les éditions subséquentes étaient publiées annuellement ou tous les deux ans en une seule publication

presented in the International System of Units (SI) and published every two years. Gauging stations are listed by province or territory, in upstream to downstream order. Coloured maps showing the locations of both active and discontinued stations were included in the first and second editions and were provided in a separate Hydrometric Map Supplement to the 1972 and the 1977 editions. The latest editions of the Reference Index and the Hydrometric Map Supplement supersede all previous editions.

The first edition of a publication series titled *Historical Streamflow Summary* was produced for data to 1970. Subsequent editions have been published every three years. This publication series contains a summary of historical monthly and annual mean discharges and annual extremes for the entire period of record for all stations where streamflow data have been collected during the history of the Water Survey of Canada. Data are published by province or region, as for the annual Surface Water Data publications. Commencing with the 1979 publications, data are presented in the International System of Units (SI). Editions subsequent to 1982 will be published every two years. The latest edition supersedes all previous editions since it contains any corrections or additions since the last publication.

The first edition of a publication series titled *Historical Water Levels Summary* was produced for data to 1976. This publication series contains a summary of historical monthly and annual mean water levels and annual extremes for the period of record for all stations on lakes or reservoirs where water level data have been collected during the history of the Water Survey of Canada. It also contains a summary of water level data for all stations on rivers where "water levels only" were collected or for certain stations on rivers where streamflow data are collected, but the historical water level information is considered to be of sufficient demand to warrant inclusion in the publication (daily water levels for stations where streamflow data are collected are not normally published in the annual Surface Water Data publications). Data are published by province or region, as for the annual Surface Water Data publications. Commencing with the 1979 publications, data are presented in the International System of Units (SI). Editions subsequent to 1983 will be published every two years. The latest edition supersedes all previous editions, since it contains any corrections or additions since the last publication.

During the years 1948 to 1960, some sediment data were collected for several Prairie rivers to meet the needs of particular projects. The first Paper containing sediment data incorporates a selection of these data and also data for part of the year ending September 30, 1961, at stations established for the continuing program. The second issue is a biennial publication covering only the continuing program for the 1962 and 1963 water years. All subsequent editions titled *Sediment Data Canadian Rivers* were published annually. Commencing with the 1978 publication, data are presented entirely in the International System of Units (SI).

Commencing with 1984, the *Sediment Data* are presented and published in a new format wherein Canada is divided into eight regions. The provinces each represent a separate region except for

pour tout le Canada. À partir de 1979, les données sont fournies dans le Système international d'unités (SI) et les éditions subséquentes vont paraître tous les deux ans. Les stations de jaugeage sont présentées par province ou territoire et placées dans l'ordre de leur position, d'amont en aval. Des cartes en couleurs, qui indiquent l'emplacement des stations hydrométriques en service, y compris celles qui ne le sont plus, ont paru dans les première et deuxième éditions ainsi que dans le *Supplément de cartes hydrométriques* de 1972 et de 1977. L'édition la plus récente de l'*Index de référence* et celle du *Supplément de cartes hydrométriques* annulent les éditions antérieures.

La première édition d'une série de publications intitulée *Sommaire chronologique de l'écoulement* renfermait les données disponibles jusqu'en 1970. Les éditions subséquentes étaient publiées tous les trois ans. Cette série de publications renferme un résumé des moyennes mensuelles et annuelles des débits ainsi que les débits extrêmes annuels pour toute la période d'enregistrement et pour toutes les stations où des données de débit sont recueillies par la Division des relevés hydrologiques du Canada. Les données sont publiées par province ou région, comme c'est le cas pour les publications annuelles des données sur les eaux de surface. À partir de 1979, les données sont fournies dans le Système international d'unités (SI). Les éditions subséquentes à 1982 vont paraître tous les deux ans. L'édition la plus récente annule toutes les éditions antérieures, car elle renferme toutes les corrections et mises à jour depuis la dernière parution.

La première édition d'une série de publications intitulée *Sommaire chronologique des niveaux d'eau* comprenait les données disponibles jusqu'en 1976. Cette série de publications contient un résumé des niveaux moyens mensuels et annuels ainsi que des niveaux extrêmes annuels pour la période d'enregistrement pour toutes les stations de lacs ou de réservoirs où des données sur les niveaux d'eau sont recueillies par la Division des relevés hydrologiques du Canada. Elle renferme également un résumé des niveaux d'eau pour toutes les stations de rivières effectuant «uniquement» des relevés de niveaux d'eau ou pour certaines stations de rivières où des données de débit sont recueillies de même que des données sur les niveaux d'eau qui peuvent répondre aux besoins des utilisateurs (en général, les niveaux d'eau quotidiens de stations effectuant des relevés de débit ne sont pas publiées dans les publications annuelles des données sur les eaux de surface). Les données sont publiées par province ou région, comme c'est le cas pour les publications annuelles des données sur les eaux de surface. À partir de 1979, les données sont fournies dans le Système international d'unités (SI). Les éditions subséquentes à 1983 vont paraître tous les deux ans. L'édition la plus récente annule toutes les éditions antérieures, car elle renferme toutes les corrections et mises à jour depuis la dernière parution.

De 1948 à 1960, on avait recueilli des données pour plusieurs cours d'eau des Prairies en prévision de la réalisation de certains projets. La première publication contenait un choix de ces données ainsi que d'autres, recueillies en 1961 avant le 30 septembre par des stations établies pour la réalisation du programme permanent. La deuxième publication portait sur les données recueillies dans le cadre du programme, au cours des années hydrologiques 1962 et 1963. Toutes les éditions subséquentes intitulées *Données sur les sédiments de rivières canadiennes* étaient publiées annuellement. À partir de 1978, les données sont fournies dans le Système international d'unités (SI).

En 1984, la présentation des données a été modifiée. Le Canada a été divisé en huit régions, une région pour chaque province, sauf le Nouveau-Brunswick, Terre-Neuve, la Nouvelle-Écosse et

New Brunswick, Newfoundland, Nova Scotia and Prince Edward Island, which together form the Atlantic Provinces region, and the Yukon and Northwest Territories which make up another. The publications are identified by the province or territories covered and the year in which the data were collected. These data are published annually on a calendar-year basis and the stations are listed alphabetically.

The first edition of a *Sediment Data Reference Index* was published for data to 1972. It contains a tabulation of locations where sediment data in Canada were collected by the Water Survey of Canada. The index has been subdivided alphabetically by province or territory, with sediment survey stations listed alphabetically. Commencing with the 1978 publication, data are presented in the International System of Units (SI) and will continue to be published every two years. The latest edition supersedes all previous editions since it contains any corrections or additions since the last publication.

The first edition of a new publication series titled *Historical Sediment Data Summary for Canadian Rivers* was produced for data to 1974. This publication contains a summary of historical monthly and annual mean suspended sediment load, and annual extremes of daily suspended sediment concentration and loads and total annual suspended load. Commencing with the 1978 publication, data are presented entirely in the International System of Units (SI). This publication has been discontinued, as much of the information is now included in the new annual *Sediment Data* publication.

EXPLANATION OF HISTORICAL STREAMFLOW SUMMARY PUBLICATION

A. General Description

Descriptive information about a gauging station is given herein below the table of monthly and annual mean discharges. This refers to such items as latitude and longitude, drainage area and whether the flow is natural or regulated (the year that regulation began is given, if known); International Gauging Stations are identified and the names of co-operating agencies who supply data are given; unusual conditions are explained under "Remarks".

This descriptive information (except the "Remarks" statement) is also given in the Surface Water Data Reference Index and the annual Surface Water Data publications. However, these two publications contain additional information not given herein such as the type of gauge, period of record and other pertinent remarks. Historical streamflow data as contained herein are published by province or region and also in alphabetical order as in the annual Surface Water Data publications. However, the Historical Streamflow Summary publications contain data for both active and discontinued streamflow stations and do not contain any water level data. These publications will be published every two years and will contain data for all streamflow stations for the entire period of record not just the data for the intervening two years.

l'Île-du-Prince-Édouard qui, ensemble, forment la région des provinces de l'Atlantique, et les Territoires du Yukon et du Nord-Ouest, qui forment une autre région. Les publications sont nommées selon la région couverte et l'année des données (année civile). Ces publications sont annuelles. Les stations y sont présentées par ordre alphabétique.

La première édition de l'*Index de référence des données sur les sédiments* renfermait les données disponibles jusqu'en 1972. Elle comprenait une mise en tableaux des emplacements où des données sur les sédiments sont recueillies au Canada par la Division des relevés hydrologiques. L'Index est subdivisé alphabétiquement par province ou territoire et les stations de relevés des sédiments sont classées en ordre alphabétique. À partir de 1978, les données sont fournies dans le Système international d'unités (SI) et sont publiées tous les deux ans. L'édition la plus récente annule toutes les éditions antérieures, car elle renferme toutes les corrections et mises à jour depuis la dernière parution.

La première édition d'une nouvelle série de publications intitulée *Sommaire chronologique des données sur les sédiments de rivières canadiennes* renfermait les données disponibles jusqu'en 1974. Cette série présente un résumé des moyennes mensuelles et annuelles de la charge de sédiments en suspension, des extrêmes annuels de la concentration quotidienne et de la charge quotidienne des sédiments en suspension, ainsi que de la charge totale annuelle des sédiments en suspension. À partir de 1978, les données sont fournies dans le Système international d'unités (SI). Cette série a été abandonnée, car une bonne partie de l'information est maintenant contenue dans la nouvelle publication annuelle intitulée *Données sur les sédiments*.

EXPLICATION DU *SOMMAIRE CHRONOLOGIQUE DE L'ÉCOULEMENT*

A. Description générale

Sous ce titre on trouve les renseignements descriptifs pour une station de relevés de l'écoulement, qui sont fournis après l'extrait des moyennes mensuelles et annuelles. Il s'agit de la latitude et de la longitude; de la superficie du bassin versant; du débit reconnu comme naturel ou régularisé (on indique l'année où la régularisation a débuté, si elle est connue); des stations internationales de jaugeage et des noms des organismes ayant fourni des données ainsi que des précisions sur les conditions spéciales qui prévalaient à la station (elles figurent dans les «Remarques»).

On trouvera également ces renseignements descriptifs (sauf les «Remarques») dans l'*Index de référence des données sur les eaux de surface* et dans les publications annuelles des *Données sur les eaux de surface*. Cependant, ces dernières traitent d'information additionnelles telles que du type de jauge, de la période d'enregistrement et d'autres remarques pertinentes. Les données historiques sur l'écoulement, qui sont contenues dans la présente publication, sont subdivisées en ordre alphabétique selon les provinces ou les territoires comme pour les publications annuelles des *Données sur les eaux de surface*. Par contre, le *Sommaire chronologique de l'écoulement* contient des données non seulement de stations en opération, mais aussi de stations qui ne le sont plus; aucune donnée sur le niveau des eaux n'est toutefois fournie. Cette publication paraîtra tous les deux ans et portera sur les données de toutes les stations de relevés de l'écoulement pour toute la période d'enregistrement plutôt que sur les données qui ne couvrent que les deux années.

B. Method of Tabulation of Data

For gauging stations where systematic streamflow data have been obtained, the following are given for the period of record to 1990 inclusive:

1. Summary of monthly and annual mean discharges;
2. Annual maximum instantaneous discharges;
3. Annual maximum and minimum daily discharges;
4. Identification of the extreme recorded for the period of record;
5. Annual total discharge in cubic decametres.

The following standard symbols are used opposite the daily discharge to which they apply. These symbols will not appear opposite the monthly and annual mean discharges, but will appear with the annual maximum instantaneous value and the annual maximum and minimum daily values, if applicable:

A – Manual Gauge – indicates that one or more manual gauge observations per day were obtained and used as the mean for the day for a gauging station equipped with a recording gauge during that particular year. A station may have several periods of recording or manual gauges throughout its history. For more details concerning the type of gauge operated during the period of record, the *Surface Water Data Reference Index* should be consulted. This symbol is used during open-water periods only.

B – Ice Conditions – indicates that for a gauging station where discharge data are obtained the presence of ice has affected the stage-discharge relationship.

E – Estimated – indicates any estimated data. It indicates that the value was determined by some indirect method such as interpolation, extrapolation, estimation from a graph of observed readings, comparison with other streams or by comparison with meteorological data.

R – Revised – indicates that a revision, correction or addition has been made to the historical discharge data base after January 1, 1989.

1. *The summary of monthly and annual mean discharge* gives:

(a) the monthly mean in cubic metres per second for each month for which there is a complete month of daily discharges. Records of daily discharges for partial months, if obtained, are published in annual publications or are available from the Regional Chief;

(b) the annual mean discharge in cubic metres per second if there are daily discharges for the complete year. In some cases a mean discharge is computed for a standard period within the year, say March to October. This is then computed for all the years for which there are daily discharge records from March to October, if there are also records for other months, say January to October, the mean is given for March to October only;

B. Présentation sous forme de tableaux des données

Pour les stations où on a effectué un relevé systématique de l'écoulement, les données suivantes sont présentées pour la période d'enregistrement allant jusqu'en 1990 inclusivement:

1. Un extrait des moyennes mensuelles et annuelles;
2. Un tableau des valeurs annuelles maximales instantanées;
3. Un tableau des valeurs quotidiennes maximale et minimale annuelles;
4. Un tableau des valeurs extrêmes enregistrées pour toute la période d'observation;
5. Un résumé de l'écoulement annuel total en décamètres cubes.

Les symboles normalisés donnés ci-après sont inscrits à côté des débits quotidiens auxquels ils se rapportent. Les symbols ne sont fournis ni avec les débits moyens mensuels, ni avec les débits moyens annuels, mais ils paraissent avec les valeurs appropriées, c'est-à-dire la valeur instantanée maximale annuelle et les valeurs quotidiennes maximale et minimale annuelles:

A – Jauge manuelle – indique qu'on a effectué à une station de jaugeage dotée d'une jauge enregistreuse au moins une observation par jour à l'aide d'une jauge manuelle et qu'on s'en est servi comme moyenne quotidienne pour l'année en question. Toute station peut comporter diverses périodes où les relevés sont effectués soit à partir d'une jauge enregistreuse, soit à l'aide d'une jauge manuelle. Pour obtenir d'autres renseignements sur le genre de jauge qui a servi lors de la période d'observation, il faut consulter l'*Index de référence des données sur les eaux de surface*. Le symbole n'est employé qu'au cours de périodes d'eau libre.

B – Glaces – indique, pour les données portant sur le débit, que la présence de glaces à la station de jaugeage a faussé la relation hauteur-débit.

E – Estimatives – indique une donnée estimative, c'est-à-dire qu'on a déterminé la valeur de façon indirecte, par exemple par interpolation, extrapolation, à l'aide de graphique, ou par comparaison avec d'autres cours d'eau ou avec des données météorologiques.

R – Révisé – indique qu'il y a eu révision, correction ou addition à la base des données chronologiques des débits après le 1er janvier 1989.

1. *L'extrait des moyennes mensuelles et annuelles* (The summary of monthly and annual mean discharges) donne:

(a) la moyenne mensuelle, exprimée en mètres cubes par seconde, des valeurs quotidienne de l'écoulement pour le mois entier. Pour les stations où on n'a mesuré l'écoulement quotidien que pour une partie du mois, les données paraissent dans les publications annuelles ou peuvent être obtenues du chef régional;

(b) la moyenne annuelle, en mètres cubes par seconde, pour les stations où on a obtenu des relevés quotidiens pour une année entière. Dans certains cas, la moyenne est calculée pour une période bien définie de l'année, par exemple pour mars à octobre. On donne donc la moyenne annuelle des relevés quotidiens effectués pour cette même période de l'année. S'il existe des données pour une autre partie de l'année, telle que pour janvier à octobre, la moyenne n'est toujours fournie que pour la période bien définie de mars à octobre;

(c) the mean of all the monthly means;

(d) the mean of all the annual or standard period means.

2. *The annual maximum instantaneous discharge* in cubic metres per second is given for each year if available. This figure is usually available if the station is equipped with a recording gauge. It may also be estimated from high water marks or from a graph of observed water level readings during the day.

3. *The annual maximum and minimum daily discharges* in cubic metres per second are given for each year where daily discharges have been obtained for the entire year (or standard period within the year, e.g. March to October), or where they are considered to be valid for the year even though some daily discharges are missing.

4. *The extreme recorded for the period of record* is identified by an asterisk within the table of annual maximum instantaneous, maximum daily and minimum daily values.

5. *The annual total discharge* in cubic decametres is given for each year where daily discharges have been obtained for the entire year. If a standard period such as March to October has been selected, the figure applies to only those months, similar to the mean discharge in cubic metres per second.

REVISIONS

A number of corrections or revisions have been made to previously published data. Many of these were required because of typographical or computational errors which were exposed when daily discharges were stored on magnetic tape and monthly means were re-calculated by computer. Other errors were discovered or different interpretations of basic data were made during the systematic review of historical streamflow data presently underway, for example, these revisions may have been justified because a more reliable stage-discharge relationship had been developed.

Revisions to daily discharges or daily water levels are not published at present. However, those stations where a systematic review has been conducted are identified in the Surface Water Data Reference Index publication. The Historical Streamflow Summary publications contain revisions to monthly and annual mean discharges, and annual extremes of discharge. The Historical Water Levels Summary publications contain revisions to monthly and annual mean water levels, and annual extremes of water level. Revisions, corrections or additions made to the discharges and water levels after January 1, 1989 are indicated by an "R" symbol in the summary publications. Detailed information on revisions to historical data is available from the appropriate Regional Chief.

(c) la moyenne de toutes les moyennes mensuelles;

(d) la moyenne de toutes les moyennes annuelles ou de toutes les moyennes pour une période bien définie.

2. *Le tableau des valeurs annuelles maximales instantanées* (The annual maximum instantaneous discharge) exprimées en mètres cubes par seconde, est fourni pour toute année où des données sont disponibles. La majorité des stations munies de jauges enregistreuses détiennent ces données. Elles peuvent également être évaluées à partir du niveau des hautes eaux ou d'un graphique illustrant le niveau quotidien.

3. *Le tableau des valeurs quotidiennes minimale et maximale annuelles* (The annual maximum and minimum daily discharges), exprimées en mètres cubes par seconde, donne les valeurs pour les stations où on a fait des relevés quotidiens pour une année entière ou pour une période bien définie de l'année, par exemple pour mars à octobre, ou lorsqu'on considère que les valeurs sont valables pour toute l'année même si quelques débits quotidiens ne sont pas disponibles.

4. *Le tableau des valeurs extrêmes enregistrées pour toute la période d'observation* (The extreme recorded for the period of record) est indiqué par un astérisque et est compris avec les valeurs annuelles maximales instantanées et les valeurs quotidiennes minimale et maximale annuelles.

5. *Le résumé de l'écoulement annuel total* (The annual total discharge), en décamètres cubes, est indiqué pour les stations où on a fait des relevés quotidiens pour une année entière. Si on a choisi une période bien définie de l'année, par exemple de mars à octobre, la valeur n'a trait qu'à ces mois, tout comme la moyenne mensuelle, en mètres cubes par seconde.

RÉVISIONS

On a corrigé ou révisé beaucoup de données déjà publiées. Il a été nécessaire d'effectuer plusieurs corrections, car on a relevé des erreurs typographiques ou de calculs lorsqu'on a enregistré les débits quotidiens sur rubans magnétiques et qu'on a recalculé à l'aide d'ordinateurs les moyennes mensuelles. On a aussi relevé d'autres erreurs ou fait des interprétations différentes de données de base au cours de la révision rétrospective systématique des données de débit qu'on est à faire en ce moment. Ainsi, on peut justifier des corrections, par le fait qu'on ait trouvé une relation hauteur-débit plus sûre.

Les corrections apportées aux débits quotidiens ou aux niveaux d'eau quotidiens ne sont pas publiées, du moins pour le moment. Cependant, les stations où on a effectué une révision systématique sont identifiées dans l'*Index de référence des données sur les eaux de surface*. Les publications intitulées *Sommaire chronologique de l'écoulement* contiennent des données sur les moyennes mensuelles et annuelles des débits et sur les extrêmes annuels des débits qu'on a révisées. Les publications intitulées *Sommaire chronologique des niveaux d'eau* renferment les révisions apportées aux niveaux moyens mensuels et annuels ainsi que les extrêmes annuels. Les révisions et corrections apportées aux débits et aux niveaux d'eau après le 1er janvier 1989 sont accompagnées du symbole «R» dans les publications sommaires. On peut obtenir plus de détails sur les révisions en s'adressant au chef régional concerné.

ACCURACY OF HYDROMETRIC DATA

The overall accuracy or the degree of reliability of hydrometric data referred to herein, depends upon

(1) The type of gauge, stability of gauge, accuracy of observation of stage and measurement of reference datum,

(2) The stability of the stage-discharge relationship; or if the control is unstable, the frequency and accuracy of discharge measurements, and

(3) The computation procedures and interpretation of records.

Because of all these variable factors, the number of significant figures used herein has been standardized for uniformity of presentation and does not reflect the degree of accuracy of the data. The Water Resources Branch standard for storing water level data is to three decimal points (0.001 m), although some contributing agencies provide data to two decimal points (0.01 m).

A measure of the reliability of the records can be made by an examination of the distribution of the symbols A, E and B (for discharge data).

In general, data collected during open-water periods are more reliable than those collected during periods of ice conditions or those obtained by estimation. Further, water level data collected utilizing a water-stage recorder are more reliable and accurate than those using a manual gauge only, especially for small or flashy streams.

EXACTITUDE DES DONNÉES HYDROMÉTRIQUES

La précision totale ou le degré d'exactitude des données hydrométriques dont on parle ici sont basés sur

(1) Le type de jauge, la stabilité de la gauge, la précision des observations sur les niveaux et de la mesure de la donnée de référence,

(2) La stabilité de la relation hauteur-débit ou, si l'élément régulateur est changeant, sur la fréquence et la précision des mesures de débits, et

(3) L'évaluation des procédés et l'interprétation des chiffres.

À cause de toutes les variables déjà mentionnées, on a normalisé pour des fins d'uniformité de présentation le nombre de chiffres significatifs, mais ceci ne réflète pas le degré d'exactitude des données. Dans la Direction des ressources en eau, les normes de cueillette des données sur le niveau des eaux sont de l'ordre de trois décimales (0.001 m), alors que certains organismes dans ce domaine n'exigent que deux décimales (0.01 m).

L'exactitude des données peut être appréciée par l'examen de la répartition des symboles A, E et B (pour les données de débits).

En général, les données recueillies au cours des périodes d'eau libre sont plus sûres que celles qui sont obtenues au cours des périodes de glaces ou par estimation. De plus, les données sur le niveau des eaux qui sont mesurées à l'aide d'un limnigraphe sont plus certaines et plus exactes que celles qui sont mesurées à l'aide d'une jauge manuelle seulement, surtout dans le cas de petits cours d'eau ou de cours d'eau à crues très rapides.

ABITIBI RIVER AT ABITIBI CANYON - STATION NO. 04ME002

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1929	---	---	---	---	710	553	283	225	317	535	465	---	---	1929
1930	---	---	---	---	838	628	339	190	157	---	---	---	---	1930
1932	---	---	---	---	---	---	---	---	---	660	503	221	---	1932
1933	210	217	228	605	749	345	193	175	146	150	129	106	272	1933
1934	114	123	146	209	1 150	478	280	182	301	313	476	308	341	1934
1935	214	243	256	450	551	354	256	236	231	339	232	189	296	1935
1936	145	121	153	270	1 220	546	215	156	153	224	196	154	296	1936
1937	153	154	170	506	760	276	384	270	242	359	387	255	328	1937
1938	199	219	271	898	741	494	272	407	208	187	219	176	358	1938
1939	187	241	264	350	1 200	375	524	182	246	317	233	202	362	1939
1940	218	204	182	263	848	585	293	192	222	207	253	193	305	1940
1941	173	180	204	611	850	235	195	273	591	710	493	283	375	1941
1942	228	225	244	665	823	241	211	184	267	396	317	180	306	1942
1943	183	197	183	325	533	636	270	208	193	153	189	146	268	1943
1944	150	148	166	337	624	305	152	225	273	349	245	191	264	1944
1945	196	181	361	529	539	654	378	208	232	237	307	180	334	1945
1946	180	199	394	396	705	504	265	181	245	202	224	179	307	1946
1947	178	188	198	242	1 420	1 040	201	205	176	183	172	170	365	1947
1948	157	135	141	494	497	206	208	249	206	206	216	171	241	1948
1949	156	161	169	427	433	414	219	183	192	187	194	166	242	1949
1950	145	155	158	296	1 120	522	461	193	174	196	257	232	327	1950
1951	217	215	247	848	321	259	221	170	172	323	291	230	292	1951
1952	219	242	233	538	581	421	296	269	203	243	279	228	313	1952
1953	262	250	321	609	788	242	178	151	282	220	221	222	312	1953
1954	205	226	254	530	548	301	319	231	230	629	325	229	336	1954
1955	233	243	237	557	256	207	156	141	151	231	226	183	234	1955
1956	174	190	213	646	883	450	252	199	230	211	185	166	284	1956
1957	163	170	205	622	301	282	688	160	165	181	308	203	288	1957
1958	231	241	248	380	280	268	241	189	272	390	325	229	274	1958
1959	224	231	243	392	554	221	187	151	175	293	228	221	260	1959
1960	209	239	252	411	1 620	475	287	294	246	258	286	224	401	1960
1961	228	182	212	388	516	351	278	187	533	414	328	277	325	1961
1962	284	292	278	361	740	426	188	215	346	215	194	162	308	1962
1963	137	139	164	365	369	283	178	178	192	190	186	152	213	1963
1964	194	199	200	619	649	698	278	195	216	357	265	220	340	1964
1965	196	221	237	252	797	245	234	216	330	516	258	237	313	1965
1966	229	263	247	506	457	320	189	196	213	534	395	368	326	1966
1967	309	392	367	784	1 110	631	233	244	232	255	282	251	424	1967
1968	241	250	291	630	309	284	506	252	241	265	251	250	314	1968
1969	229	212	224	443	563	390	245	245	280	489	472	292	341	1969
1970	218	268	251	340	444	344	258	229	253	182	190	182	268	1970
1971	170	210	239	397	709	247	207	184	271	216	259	209	277	1971
1972	193	238	245	255	612	364	213	196	173	262	188	199	264	1972
1973	199	197	248	404	505	256	246	222	246	239	229	207	260	1973
1974	172	195	231	277	699	466	329	239	231	294	264	234	303	1974
1975	225	226	226	298	438	358	172	146	149	155	240	201	236	1975
1976	190	184	190	774	567	257	170	187	203	229	213	187	279	1976
1977	206	197	231	605	275	201	193	181	290	208	236	178	250	1977
1978	186	188	162	192	689	431	419	217	224	345	201	197	289	1978
1979	229	239	206	587	1 120	786	275	213	247	376	298	265	404	1979
1980	289	275	235	549	561	288	181	204	226	322	250	201	298	1980
1981	243	250	278	616	559	299	210	162	156	175	183	156	272	1981
1982	148	192	174	271	564	172	215	143	226	446	370	254	265	1982
1983	250	248	221	269	864	462	169	155	243	261	209	172	295	1983
1984	175	183	180	493	280	369	342	173	150	161	208	213	244	1984
1985	229	228	239	535	392	203	251	184	162	207	266	202	258	1985
1986	208	212	218	503	451	194	170	210	218	306	226	225	270	1986
1987	217	230	195	286	198	197	199	219	159	283	227	207	218	1987
1988	206	202	228	433	954	250	200	195	207	321	713	319	377	1988
1989	249	250	217	300	960	546	237	246	154	183	221	198	314	1989
1990	206	199	274	568	684	311	456	251	229	536	357	273	363	1990
MEAN	204	212	228	454	665	386	265	211	233	301	276	213	302	MEAN

LOCATION - LAT 49 52 55 N DRAINAGE AREA, 22 900 km²
LONG 081 34 00 W REGULATED

ABITIBI RIVER AT ABITIBI CANYON - STATION NO. 04ME002

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1929	---	1 280 ON OCT 24	---	---	1929
1930	---	1 420 ON MAY 05	---	---	1930
1932	---	1 130 ON OCT 29	---	---	1932
1933	---	1 310 ON APR 22	32.0 ON JUL 01	8 570 000	1933
1934	---	2 160 ON MAY 05	29.2 ON AUG 19	10 800 000	1934
1935	---	1 090 ON APR 29	76.2 ON SEP 15	9 330 000	1935
1936	---	2 120 ON MAY 14	54.9 ON FEB 09	9 350 000	1936
1937	---	1 710 ON APR 29	90.3 ON SEP 06	10 300 000	1937
1938	---	2 070 ON APR 29	74.8 ON JUL 04	11 300 000	1938
1939	---	2 000 ON MAY 11	77.9 ON APR 16	11 400 000	1939
1940	---	1 760 ON MAY 29	105 ON SEP 10	9 650 000	1940
1941	---	1 440 ON MAY 07	113 ON MAR 04	11 800 000	1941
1942	---	1 670 ON APR 26	119 ON JUL 01	9 670 000	1942
1943	---	1 200 ON JUN 20	113 ON DEC 26	8 440 000	1943
1944	---	1 180 ON MAY 15	88.1 ON JUL 02	8 350 000	1944
1945	---	1 380 ON MAR 30	96.3 ON JUL 02	10 500 000	1945
1946	---	2 080 ON MAY 26	96.6 ON SEP 02	9 670 000	1946
1947	---	2 510 ON MAY 19 *	100 ON DEC 25	11 500 000	1947
1948	---	1 390 ON APR 26	90.0 ON DEC 25	7 610 000	1948
1949	---	1 170 ON JUN 30	101 ON DEC 25	7 620 000	1949
1950	---	1 590 ON MAY 09	91.2 ON JAN 01	10 300 000	1950
1951	---	1 620 ON APR 15	98.0 ON SEP 03	9 220 000	1951
1952	---	1 400 ON MAY 16	78.2 ON SEP 01	9 890 000	1952
1953	---	1 210 ON MAY 06	100 ON SEP 07	9 850 000	1953
1954	---	1 650 ON OCT 18	123 ON JAN 01	10 600 000	1954
1955	---	1 140 ON APR 18	87.8 ON DEC 25	7 390 000	1955
1956	---	1 570 ON MAY 16	86.7 ON JAN 01	8 980 000	1956
1957	---	2 180 ON APR 27	96.3 ON APR 14	9 070 000	1957
1958	---	867 ON APR 19	76.2 ON AUG 03	8 650 000	1958
1959	---	1 200 ON MAY 08	88.1 ON AUG 03	8 210 000	1959
1960	---	2 360 ON MAY 10	75.6 ON APR 03	12 700 000	1960
1961	---	1 160 ON MAY 18	85.5 ON AUG 13	10 200 000	1961
1962	---	1 420 ON MAY 06	92.0 ON NOV 11	9 720 000	1962
1963	---	881 ON APR 19	66.5 ON AUG 05	6 720 000	1963
1964	---	1 670 ON APR 30	49.6 ON DEC 25	10 800 000	1964
1965	---	1 300 ON MAY 17	46.7 ON JAN 01	9 860 000	1965
1966	---	1 250 ON APR 25	44.7 ON JUL 03	10 300 000	1966
1967	---	1 990 ON MAY 01	85.8 ON SEP 04	13 400 000	1967
1968	---	1 190 ON APR 18	100 ON SEP 08	9 940 000	1968
1969	---	1 080 ON MAY 04	132 ON FEB 23	10 700 000	1969
1970	---	1 210 ON MAY 02	58.6 ON DEC 25	8 460 000	1970
1971	---	985 ON MAY 01	56.6 ON JAN 01	8 730 000	1971
1972	---	1 170 ON MAY 02	66.0 ON JAN 03	8 340 000	1972
1973	---	889 ON APR 23	59.7 ON JAN 14	8 440 000	1973
1974	---	946 ON MAY 01	66.5 ON DEC 25	9 570 000	1974
1975	---	988 ON MAY 03	81.6 ON SEP 07	7 440 000	1975
1976	---	2 100 ON APR 21	57.8 ON DEC 26	8 820 000	1976
1977	---	1 570 ON APR 23	61.4 ON DEC 25	7 870 000	1977
1978	---	1 220 ON MAY 15	79.3 ON JAN 02	9 100 000	1978
1979	---	2 110 ON MAY 10	79.9 ON JAN 01	12 700 000	1979
1980	---	1 490 ON APR 30	103 ON JUL 24	9 430 000	1980
1981	---	1 020 ON MAY 06	64.0 ON OCT 04	8 580 000	1981
1982	---	1 410 ON MAY 03	25.2 ON JUN 27 *	8 370 000	1982
1983	---	1 240 ON MAY 27	45.3 ON DEC 11	9 290 000	1983
1984	---	1 200 ON JUN 29	47.8 ON SEP 03	7 710 000	1984
1985	---	2 250 ON APR 26	48.2 ON JUL 01	8 140 000	1985
1986	---	1 150 ON APR 21	52.1 ON JUL 02	8 530 000	1986
1987	---	458 ON APR 20	59.2 ON MAY 16	6 880 000	1987
1988	---	1 360 ON MAY 25	142 ON JAN 01	11 900 000	1988
1989	---	1 400 ON MAY 25	89.5 ON SEP 10	9 900 000	1989
1990	---	1 860 ON APR 27	122 ON SEP 03	11 500 000	1990
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		9 520 000	MEAN

ABITIBI RIVER AT IROQUOIS FALLS - STATION NO. 04MC001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1920	---	---	210	418	314	165	154	151	138	119	96.2	86.8	---	1920
1921	72.0	60.2	60.7	237	90.0	119	120	129	117	120	107	120	113	1921
1922	98.9	124	217	351	785	167	232	156	137	135	129	96.1	240	1922
1923	106	118	109	186	198	144	124	128	139	130	112	101	129	1923
1924	130	140	126	188	164	125	123	113	106	106	111	97.7	127	1924
1925	109	110	113	199	153	322	302	170	107	113	118	109	161	1925
1926	103	102	148	135	232	180	469	170	113	113	127	102	171	1926
1927	97.1	97.0	120	263	181	222	132	201	193	280	213	209	184	1927
1928	260	198	124	212	523	456	304	230	276	503	211	183	297	1928
1929	202	196	201	226	289	192	169	158	151	268	227	167	204	1929
1930	173	186	181	225	241	299	197	117	117	143	138	132	179	1930
1931	132	131	133	174	148	131	132	115	83.1	94.5	108	140	127	1931
1932	147	185	197	267	156	88.2	82.9	120	156	452	301	175	194	1932
1933	183	187	198	321	288	175	152	138	104	106	95.5	86.5	169	1933
1934	93.0	94.3	118	150	402	229	174	136	129	158	229	197	176	1934
1935	165	202	221	247	177	160	152	122	131	140	137	123	164	1935
1936	87.4	95.3	116	175	412	257	143	122	120	126	120	115	158	1936
1937	119	129	139	226	181	152	154	151	150	156	174	149	159	1937
1938	142	195	246	371	334	223	119	199	137	114	133	129	198	1938
1939	140	154	230	270	439	205	341	121	146	156	151	151	209	1939
1940	172	152	123	180	340	290	182	164	138	155	135	144	181	1940
1941	125	127	149	254	237	128	130	174	231	384	303	174	202	1941
1942	183	163	153	151	220	180	127	138	113	163	174	151	175	1942
1943	138	132	115	188	165	352	156	134	132	94.5	100	102	150	1943
1944	106	105	109	184	222	178	109	128	128	194	155	142	147	1944
1945	138	133	232	205	312	404	239	149	141	139	174	126	200	1945
1946	165	175	233	175	351	317	177	157	143	165	144	120	193	1946
1947	122	133	143	186	627	604	162	146	147	150	127	124	223	1947
1948	130	125	110	217	163	136	136	144	138	128	117	115	141	1948
1949	117	119	124	209	147	266	140	112	126	124	136	127	145	1949
1950	121	135	132	217	378	243	288	141	122	127	148	151	184	1950
1951	175	179	197	374	145	160	146	138	122	152	136	140	172	1951
1952	158	186	188	297	297	240	165	185	171	165	140	165	196	1952
1953	179	179	253	337	352	147	132	123	142	123	124	121	186	1953
1954	149	169	184	281	156	156	191	148	165	337	205	184	194	1954
1955	185	197	186	267	133	130	125	135	122	123	141	125	155	1955
1956	139	146	162	160	407	250	155	145	131	137	135	129	175	1956
1957	140	139	152	283	129	174	400	120	110	133	149	138	172	1957
1958	182	189	185	185	150	120	118	109	152	231	197	178	166	1958
1959	177	167	189	281	183	130	120	115	130	159	138	152	163	1959
1960	170	196	214	254	724	357	223	200	185	173	158	169	253	1960
1961	168	133	159	220	194	177	141	137	281	222	162	210	182	1961
1962	214	234	227	251	236	249	127	142	168	157	157	126	190	1962
1963	106	115	124	222	170	154	131	144	142	159	136	142	145	1963
1964	128	133	144	292	242	436	183	147	175	185	151	167	198	1964
1965	150	143	173	185	225	164	164	140	153	299	212	208	185	1965
1966	169	177	195	238	170	150	129	160	166	199	266	259	191	1966
1967	250	234	262	337	510	441	158	150	175	179	189	211	266	1967
1968	205	205	208	321	317	324	257	155	123	152	191	160	182	1968
1969	173	160	165	232	199	255	163	145	146	297	312	226	206	1969
1970	209	216	226	243	177	180	179	153	138	133	135	139	177	1970
1971	129	148	159	256	293	184	165	130	141	129	169	132	170	1971
1972	150	181	187	189	194	163	140	171	130	137	144	154	162	1972
1973	156	156	149	160	219	179	169	152	147	172	169	156	165	1973
1974	135	154	172	204	231	272	203	177	160	145	176	189	185	1974
1975	192	194	166	188	178	152	144	140	139	139	137	137	159	1975
1976	137	137	147	325	315	204	151	156	153	167	195	184	189	1976
1977	144	145	182	270	157	157	156	159	150	139	122	123	159	1977
1978	142	139	175	152	200	188	264	191	144	153	149	147	167	1978
1979	176	169	191	278	509	523	196	158	158	200	181	189	244	1979
1980	236	216	193	296	266	171	121	180	169	164	175	189	198	1980
1981	168	170	208	193	252	177	180	162	134	111	118	122	174	1981
1982	120	111	110	174	200	138	108	99.5	120	165	201	202	146	1982
1983	186	191	162	191	291	234	140	149	144	138	139	121	174	1983
1984	116	114	141	231	148	145	145	158	140	126	117	142	144	1984
1985	172	176	181	258	156	143	131	127	136	130	153	169	161	1985
1986	173	163	176	262	192	149	146	171	132	141	151	177	169	1986
1987	181	178	161	167	125	126	135	150	136	131	141	155	149	1987
1988	165	164	168	220	178	177	178	202	190	212	362	215	219	1988
1989	191	202	200	223	396	367	178	191	130	119	126	155	206	1989
1990	155	154	172	246	260	185	309	189	161	205	212	213	206	1990
MEAN	154	159	169	239	265	217	174	150	145	170	162	152	180	MEAN

LOCATION - LAT 48 45 44 N LONG 080 40 07 W

DRAINAGE AREA, 13 300 km²
REGULATED

ABITIBI RIVER AT IROQUOIS FALLS - STATION NO. 04MC001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1920	---	609 ON APR 05	---	---	1920
1921	---	487 ON APR 08	0 ON DEC 25 *	3 550 000	1921
1922	---	1 010 ON MAY 08 *	0 ON SEP 03	6 940 000	1922
1923	---	413 ON APR 27	0 ON NOV 03	4 190 000	1923
1924	---	337 ON APR 26	0 ON JUN 29	4 020 000	1924
1925	---	838 ON JUN 08	0 ON SEP 06	5 070 000	1925
1926	---	977 ON JUL 19	0 ON SEP 05	7 390 000	1926
1927	---	750 ON OCT 03	25.2 ON MAR 13	5 810 000	1927
1928	---	951 ON MAY 11	0 ON JUL 08	5 400 000	1928
1929	---	779 ON OCT 26	0 ON SEP 01	6 430 000	1929
1930	---	671 ON JUN 21	0 ON JUL 20	5 640 000	1930
1931	---	239 ON APR 22	0 ON SEP 06	4 000 000	1931
1932	---	750 ON OCT 27	0 ON JUN 11	6 130 000	1932
1933	---	612 ON APR 20	0 ON SEP 03	5 340 000	1933
1934	---	835 ON MAY 03	0 ON JUL 28	5 560 000	1934
1935	---	462 ON APR 28	0 ON JUN 30	5 180 000	1935
1936	---	883 ON MAY 13	0 ON JAN 03	4 960 000	1936
1937	---	450 ON APR 25	0 ON MAR 20	5 020 000	1937
1938	---	729 ON APR 30	0 ON JUN 25	6 230 000	1938
1939	---	850 ON JUL 12	1.25 ON AUG 28	6 600 000	1939
1940	---	861 ON MAY 27	0 ON SEP 21	5 730 000	1940
1941	---	765 ON MAY 06	0 ON JUN 07	6 360 000	1941
1942	---	643 ON APR 26	22.1 ON JUL 25	5 500 000	1942
1943	---	708 ON JUN 18	24.8 ON OCT 03	4 740 000	1943
1944	---	532 ON MAY 14	0 ON JUL 01	4 630 000	1944
1945	---	830 ON JUN 06	0 ON DEC 22	6 290 000	1945
1946	---	872 ON JUN 01	0 ON SEP 01	6 080 000	1946
1947	---	886 ON JUN 14	0.566 ON AUG 31	7 030 000	1947
1948	---	360 ON APR 20	0 ON DEC 25	4 440 000	1948
1949	---	756 ON JUN 29	18.0 ON AUG 28	4 580 000	1949
1950	---	776 ON MAY 08	30.6 ON SEP 04	5 800 000	1950
1951	---	731 ON APR 08	13.3 ON SEP 02	5 410 000	1951
1952	---	705 ON MAY 16	39.6 ON JAN 06	6 200 000	1952
1953	---	535 ON APR 29	0 ON SEP 06	5 860 000	1953
1954	---	869 ON OCT 16	12.5 ON JUN 06	6 110 000	1954
1955	---	688 ON APR 14	0 ON JUL 02	4 900 000	1955
1956	---	660 ON MAY 30	0 ON JUL 01	5 530 000	1956
1957	---	844 ON JUN 30	0 ON MAY 05	5 440 000	1957
1958	---	436 ON OCT 24	0 ON MAY 11	5 250 000	1958
1959	---	481 ON APR 25	0 ON MAY 24	5 140 000	1959
1960	---	875 ON MAY 11	5.38 ON OCT 02	7 990 000	1960
1961	---	530 ON SEP 16	0 ON MAY 28	5 750 000	1961
1962	---	674 ON JUN 02	0 ON JUN 17	5 990 000	1962
1963	---	496 ON APR 18	0 ON JAN 06	4 560 000	1963
1964	---	776 ON JUN 19	0 ON JAN 05	6 260 000	1964
1965	---	479 ON MAY 16	0 ON JAN 10	5 830 000	1965
1966	---	538 ON APR 21	0 ON JAN 01	6 030 000	1966
1967	---	711 ON MAY 24	0 ON JUL 09	8 380 000	1967
1968	---	612 ON JUL 20	0 ON MAY 05	5 760 000	1968
1969	---	580 ON OCT 14	0 ON AUG 31	6 500 000	1969
1970	---	433 ON MAY 02	0 ON JUL 12	5 590 000	1970
1971	---	470 ON APR 29	0 ON JAN 01	5 350 000	1971
1972	---	411 ON APR 30	0 ON JAN 01	5 110 000	1972
1973	---	436 ON MAY 03	135 ON FEB 18	5 210 000	1973
1974	---	654 ON JUN 05	127 ON SEP 02	5 820 000	1974
1975	---	354 ON MAY 01	131 ON JUL 14	5 010 000	1975
1976	---	793 ON APR 19	0 ON OCT 24	5 990 000	1976
1977	---	535 ON APR 22	37.7 ON SEP 11	5 000 000	1977
1978	---	379 ON JUN 28	96.8 ON SEP 08	5 280 000	1978
1979	---	749 ON MAY 11	107 ON SEP 04	7 700 000	1979
1980	---	645 ON MAY 12	82.9 ON JUL 30	6 250 000	1980
1981	---	533 ON MAY 16	93.3 ON DEC 06	5 470 000	1981
1982	---	550 ON MAY 01	51.3 ON AUG 19	4 600 000	1982
1983	---	493 ON MAY 04	93.6 ON JUL 26	5 470 000	1983
1984	---	395 ON APR 18	95.4 ON AUG 27	4 540 000	1984
1985	---	717 ON APR 24	105 ON JUL 31	5 070 000	1985
1986	---	442 ON APR 20	112 ON OCT 21	5 340 000	1986
1987	---	211 ON APR 30	0 ON MAR 02	4 690 000	1987
1988	---	696 ON MAY 14	124 ON APR 03	6 940 000	1988
1989	---	594 ON MAY 24	100 ON JUL 07	6 510 000	1989
1990	---	550 ON JUL 09	112 ON MAY 09	6 480 000	1990
				5 670 000	MEAN

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

ABITIBI RIVER AT ISLAND FALLS - STATION NO. 04ME001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1924	---	---	---	---	---	---	---	---	---	164	193	208	---	1924
1925	---	---	---	---	413	652	458	333	183	---	---	---	---	1925
1928	---	---	---	---	---	---	---	---	---	809	327	249	---	1928
1929	205	206	228	363	670	466	251	197	251	467	387	204	325	1929
1930	192	198	185	302	628	526	300	139	141	194	208	162	265	1930
1931	142	140	145	309	445	191	162	126	105	178	310	233	207	1931
1932	168	208	216	346	502	192	186	232	294	605	448	226	302	1932
1933	211	206	217	557	629	284	167	169	136	133	115	95.8	244	1933
1934	106	107	133	194	909	402	229	162	244	278	415	276	289	1934
1935	196	213	221	401	442	299	216	179	187	276	196	155	249	1935
1936	112	114	140	248	950	463	180	128	133	183	161	141	247	1936
1937	140	144	156	434	580	240	329	227	217	320	161	207	283	1937
1938	188	200	265	747	604	397	241	148	186	167	207	161	309	1938
1939	183	236	262	337	957	312	445	163	210	290	213	188	317	1939
1940	220	195	172	253	704	502	260	186	221	199	232	187	278	1940
1941	170	172	189	560	456	206	177	262	502	618	469	265	338	1941
1942	215	221	212	587	440	219	191	177	242	357	289	174	279	1942
1943	177	182	176	312	459	257	242	190	180	142	171	141	245	1943
1944	145	144	164	320	516	274	144	210	252	314	229	179	241	1944
1945	187	174	336	453	494	565	334	187	207	218	287	171	301	1945
1946	173	192	390	350	616	441	243	171	229	192	198	168	281	1946
1947	172	183	190	237	1 160	860	183	185	168	173	166	171	321	1947
1948	156	130	137	438	426	193	196	226	183	200	199	159	220	1948
1949	153	159	162	389	355	382	200	181	178	175	184	161	223	1949
1950	146	153	154	288	920	456	415	192	174	195	248	219	298	1950
1951	220	219	253	739	281	248	205	163	169	304	273	219	274	1951
1952	217	236	228	485	505	372	267	250	202	223	555	209	287	1952
1953	232	236	316	566	663	218	174	157	260	201	209	201	288	1953
1954	200	215	244	497	456	273	307	215	222	---	---	---	---	1954
1955	---	---	---	---	---	---	---	---	---	200	205	174	---	1955
1956	170	186	207	233	772	387	232	184	209	194	181	159	260	1956
1957	160	165	196	524	577	272	178	153	153	167	273	190	256	1957
1958	218	226	233	326	543	231	218	174	232	366	295	213	248	1958
1959	210	221	232	381	473	200	175	141	166	265	201	208	239	1959
1960	203	225	237	397	1 390	427	270	266	236	236	258	212	364	1960
1961	221	175	202	356	437	326	238	175	478	356	293	263	293	1961
1962	274	282	266	350	639	348	171	201	289	199	187	134	280	1962
1963	137	138	165	347	319	255	170	174	181	184	171	163	200	1963
1964	182	191	191	561	524	610	231	174	205	315	240	200	301	1964
1965	184	209	220	235	666	217	213	200	296	465	239	224	282	1965
1966	212	248	231	468	388	279	164	185	194	465	370	336	295	1966
1967	23[illegible]	377	344	719	975	562	214	224	214	---	---	---	---	1967
MEAN	188	196	217	411	596	366	246	195	219	282	253	196	276	MEAN

LOCATION - LAT 49 34 30 N
LONG 081 23 10 W

DRAINAGE AREA, 20 700 km² REGULATED

DATA CONTRIBUTED BY - ABITIBI - PRICE INC.

ABITIBI RIVER AT ISLAND FALLS - STATION NO. 04ME001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1924	---	---	---	---	1924
1925	---	1 420 ON JUN 11	---	---	1925
1928	---	1 690 ON OCT 23	---	---	1928
1929	---	1 210 ON OCT 27	27.6 ON APR 07	10 200 000	1929
1930	---	1 190 ON MAY 04	33.4 ON AUG 18	8 350 000	1930
1931	---	665 ON NOV 25	31.7 ON SEP 06	6 540 000	1931
1932	---	1 050 ON OCT 28	62.6 ON AUG 14	9 540 000	1932
1933	---	1 190 ON APR 21	16.4 ON JUL 01	7 680 000	1933
1934	---	1 610 ON MAY 05	27.2 ON AUG 19	9 110 000	1934
1935	---	923 ON APR 28	40.8 ON MAR 03	7 840 000	1935
1936	---	1 620 ON MAY 14	22.7 ON DEC 25	7 800 000	1936
1937	---	1 160 ON APR 28	59.2 ON NOV 28	8 920 000	1937
1938	---	1 680 ON APR 28	4.2# ON JUL 04 *	9 760 000	1938
1939	---	1 580 ON MAY 10	28.6 ON AUG 12	10 000 000	1939
1940	---	1 400 ON MAY 28	28.6 ON NOV 03	8 780 000	1940
1941	---	1 150 ON MAY 07	34.0 ON MAR 03	10 600 000	1941
1942	---	1 380 ON APR 25	53.5 ON AUG 16	8 790 000	1942
1943	---	1 100 ON JUN 19	55.5 ON AUG 01	7 720 000	1943
1944	---	968 ON MAY 04	37.7 ON JUL 02	7 620 000	1944
1945	---	1 110 ON MAR 29	78.4 ON AUG 12	9 510 000	1945
1946	---	1 670 ON MAY 25	80.7 ON DEC 25	8 850 000	1946
1947	---	1 930 ON MAY 17 *	62.3 ON AUG 17	10 100 000	1947
1948	---	1 010 ON APR 27	81.0 ON JUL 11	6 970 000	1948
1949	---	1 010 ON JUN 28	72.8 ON JUL 10	7 040 000	1949
1950	---	1 400 ON MAY 09	37.7 ON OCT 01	9 390 000	1950
1951	---	1 340 ON APR 14	39.6 ON MAY 27	8 640 000	1951
1952	---	1 160 ON MAY 16	44.7 ON JUL 27	9 040 000	1952
1953	---	1 020 ON MAY 06	27.9 ON AUG 09	9 080 000	1953
1954	---	1 010 ON APR 23	---	---	1954
1955	---	---	---	---	1955
1956	---	1 380 ON MAY 16	66.5 ON SEP 30	8 230 000	1956
1957	---	1 680 ON APR 26	31.7 ON JUN 09	8 070 000	1957
1958	---	716 ON APR 18	45.6 ON MAY 12	7 820 000	1958
1959	---	1 030 ON MAY 07	68.5 ON AUG 30	7 550 000	1959
1960	---	1 930 ON MAY 10	47.9 ON APR 03	11 500 000	1960
1961	---	1 100 ON MAY 16	53.2 ON JUN 18	9 250 000	1961
1962	---	1 250 ON MAY 05	40.2 ON DEC 30	8 830 000	1962
1963	---	821 ON APR 18	35.1 ON DEC 15	6 320 000	1963
1964	---	1 340 ON APR 29	36.2 ON SEP 07	9 530 000	1964
1965	---	1 080 ON MAY 17	34.5 ON APR 11	8 880 000	1965
1966	---	1 230 ON OCT 16	44.7 ON JUL 02	9 300 000	1966
1967	---	1 670 ON MAY 03	---	---	1967
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		8 700 000	MEAN

ABITIBI RIVER AT ONAKAWANA - STATION NO. 04ME003

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1959	---	---	---	---	---	---	---	---	---	420	288	271	---	1959
1960	266	264	298	468	2 050	691	385	338	262	380	388	278	508	1960
1961	274	263	327	504	795	415	354	190	622	573	433	321	410	1961
1962	220	192	191	460	1 040	715	279	336	570	298	241	209	429	1962
1963	196	185	163	415	566	402	216	223	228	223	225	221	266	1963
1964	227	221	215	719	1 020	912	439	304	291	515	375	249	457	1964
1965	207	229	245	245	1 200	367	337	306	444	741	390	258	416	1965
1966	244	276	235	527	833	515	271	252	525	740	509	416	426	1966
1967	325	406	382	815	1 810	865	304	305	532	289	350	313	515	1967
1968	260	266	303	728	419	356	695	384	532	554	304	280	395	1968
1969	260	237	242	471	758	551	355	350	396	638	583	388	437	1969
1970	303	292	276	351	657	458	329	244	374	206	204	230	327	1970
1971	200	226	259	423	972	321	241	228	369	288	312	252	342	1971
1972	219	265	264	252	831	468	300	229	208	339	254	227	322	1972
1973	217	216	265	489	737	332	323	290	288	288	277	243	331	1973
1974	208	217	258	307	1 020	619	426	303	276	394	364	295	392	1974
1975	255	249	250	338	715	465	253	202	183	182	315	246	305	1975
1976	222	205	208	325	781	346	228	246	267	295	271	220	342	1976
1977	234	219	195	1 000	930	275	286	230	418	280	370	236	362	1977
1978	213	210	177	219	1 150	822	643	253	287	468	268	244	416	1978
1979	249	260	220	674	1 570	963	347	285	323	486	384	299	506	1979
1980	303	287	249	613	824	392	240	236	268	428	305	237	365	1980
1981	230	252	283	682	834	431	259	198	422	545	348	197	339	1981
1982	178	221	202	316	880	257	360	224	342	376	309	315	364	1982
1983	269	255	223	280	1 140	606	228	203	348	344	247	274	366	1983
1984	213	221	214	616	426	492	485	229	195	218	265	310	326	1984
1985	285	283	282	613	612	283	331	258	215	286	355	295	342	1985
1986	459	253	257	594	635	269	233	370	475	402	317	288	346	1986
1987	474	290	247	394	287	296	270	283	518	378	320	281	335	1987
1988	491	272	304	561	1 160	330	257	462	349	379	257	301	458	1988
1989	269	265	227	309	1 150	691	302	301	164	257	341	302	383	1989
1990	266	272	352	740	1 060	458	562	341	327	634	502	347	490	1990
MEAN	248	253	256	514	919	496	340	278	309	392	354	278	387	MEAN

LOCATION - LAT. 50 36 00 N LONG 081 25 00 W DRAINAGE AREA, 27 500 km^2 REGULATED

ABITIBI RIVER AT ONAKAWANA - STATION NO. 04ME003

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1959	---	---	---	---	1959
1960	---	2 820E ON MAY 12	101 E ON SEP 20	16 100 000	1960
1961	1 650 AT 09:00 EST ON MAY 17	1 580 ON MAY 17	20.3 ON AUG 29	12 900 000	1961
1962	1 980 AT 10:45 EST ON JUN 02	1 880 ON JUN 02	91.2 ON NOV 12	13 500 000	1962
1963	1 370 AT 09:30 EST ON APR 20	985 ON APR 20	42.8 ON AUG 26	8 390 000	1963
1964	2 360 AT 20:00 EST ON APR 30	2 330 ON APR 30	70.8RB ON DEC 26	14 500 000	1964
1965	1 770 AT 15:00 EST ON MAY 09	1 630 ON MAY 09	25.5RB ON MAR 29	13 100 000	1965
1966	1 680 AT 11:00 EST ON OCT 17	1 590 ON OCT 17	82.1E ON SEP 17	13 400 000	1966
1967	---	3 000E ON MAY 06	135 ON OCT 02	16 900 000	1967
1968	---	1 540E ON APR 19	116 E ON JUN 10	12 500 000	1968
1969	---	1 270B ON MAY 05	105 B ON MAR 17	13 800 000	1969
1970	---	1 430B ON MAY 03	19.8B ON DEC 26 *	10 300 000	1970
1971	1 980 AT 14:27 EST ON MAY 01	1 550 ON MAY 01	47.0B ON APR 12	10 800 000	1971
1972	---	1 360E ON MAY 03	51.8 ON SEP 18	10 200 000	1972
1973	1 250 AT 09:20 EST ON APR 24	1 200 ON APR 24	43.3B ON JAN 15	10 400 000	1973
1974	1 310 AT 04:00 EST ON MAY 18	1 240 ON MAY 18	83.0B ON JAN 20	12 400 000	1974
1975	---	1 820E ON MAY 02	99.1E ON OCT 20	9 610 000	1975
1976	---	2 370 ON APR 22	63.1B ON DEC 27	10 800 000	1976
1977	2 940 AT 13:30 EST ON APR 23	2 690 ON APR 22	71.9B ON MAR 30	11 400 000	1977
1978	2 060 AT 14:20 EST ON MAY 14	1 960 ON MAY 14	39.4B ON MAR 20	13 100 000	1978
1979	3 400 AT 01:05 EST ON MAY 11 *	3 210 ON MAY 10 *	112 B ON JAN 02	15 900 000	1979
1980	1 970 AT 16:45 EST ON APR 30	1 940 ON APR 30	120 B ON DEC 25	11 600 000	1980
1981	1 370 AT 20:04 EST ON MAY 06	1 450 ON MAY 06	94.0B ON DEC 25	10 700 000	1981
1982	1 900 AT 20:30 EST ON MAY 05	1 900B ON MAY 03	63.0B ON JAN 02	11 500 000	1982
1983	2 460 AT 06:30 EST ON MAY 05	1 620 ON MAY 05	86.0B ON APR 04	11 600 000	1983
1984	1 470 AT 17:17 EST ON JUN 29	1 420 ON JUN 29	94.0E ON SEP 01	10 300 000	1984
1985	3 140 AT 04:12 EST ON APR 27	2 520 ON APR 26	131 ON SEP 03	10 800 000	1985
1986	1 280 AT 21:30 EST ON APR 29	1 250 ON APR 30	128 ON JUL 02	10 900 000	1986
1987	947 AT 20:30 EST ON APR 19	748 ON APR 20	83.0B ON MAR 18	9 300 000	1987
1988	1 810 AT 19:00 EST ON MAY 05	1 770 ON MAY 05	186 B ON FEB 05	14 500 000	1988
1989	---	1 570 ON MAY 26	58.4E ON SEP 18	12 100 000	1989
1990	---	2 400B ON APR 27	83.5 ON SEP 09	15 500 000	1990
				12 200 000	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD
R - REVISED SINCE JAN 01 1989

ABITIBI RIVER AT OTTER RAPIDS - STATION NO. 04ME004

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1961	---	---	---	---	---	---	---	---	---	450	338	278	---	1961
1962	282	295	274	359	760	442	185	221	378	213	186	163	313	1962
1963	136	138	158	362	402	297	178	185	194	200	200	191	220	1963
1964	205	204	204	624	725	780	338	230	246	424	317	242	378	1964
1965	206	227	245	256	889	306	285	250	380	607	298	254	352	1965
1966	241	274	254	527	553	404	228	224	241	666	456	404	373	1966
1967	324	407	375	848	1 290	763	273	291	243	274	318	272	473	1967
1968	251	258	298	727	401	341	618	333	321	334	295	269	371	1968
1969	243	224	234	480	664	474	308	314	358	575	529	324	395	1969
1970	294	280	273	374	579	434	307	268	352	232	225	217	320	1970
1971	187	223	255	444	902	303	250	231	363	272	312	241	332	1971
1972	218	252	262	263	781	459	293	221	200	334	218	221	311	1972
1973	214	207	264	479	659	308	305	277	293	273	261	232	315	1973
1974	189	200	240	282	865	583	382	274	263	369	319	252	352	1974
1975	233	231	234	307	567	445	207	161	162	168	269	221	267	1975
1976	199	189	195	881	784	314	190	207	223	262	235	199	323	1976
1977	216	205	245	689	308	235	235	204	356	240	283	200	291	1977
1978	192	195	165	201	894	583	332	243	473	446	242	220	349	1978
1979	245	252	216	632	1 330	911	328	260	286	452	370	291	465	1979
1980	296	280	243	597	748	353	209	212	240	378	280	214	337	1980
1981	224	251	278	716	765	382	234	163	169	196	213	172	313	1981
1982	154	193	177	279	757	223	277	179	281	534	464	288	319	1982
1983	268	252	224	274	1 040	574	196	167	299	307	238	185	336	1983
1984	182	189	183	534	356	430	424	190	160	175	238	237	275	1984
1985	239	236	235	537	523	245	289	216	179	252	303	219	290	1985
1986	217	219	217	333	570	240	203	155	255	362	258	236	306	1986
1987	242	230	200	322	249	255	236	244	180	341	267	225	248	1987
1988	213	204	229	460	1 100	301	230	442	327	360	746	355	415	1988
1989	257	253	216	301	1 040	622	284	287	165	213	264	214	344	1989
1990	201	200	272	577	881	384	520	299	263	575	422	292	409	1990
MEAN	226	233	237	478	740	427	294	246	264	349	312	244	338	MEAN

LOCATION - LAT 50 10 55 N
LONG 081 38 12 W
DRAINAGE AREA, 23 400 km^2
REGULATED

ABITIBI RIVER AT OTTER RAPIDS - STATION NO. 04ME004

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1961	---	---	---	---	1961
1962	---	1 620 ON JUN 01	50.7 ON NOV 11	9 870 000	1962
1963	---	878 ON APR 19	13.3 ON AUG 22	6 940 000	1963
1964	---	1 770 ON APR 30	68.8 ON DEC 25	12 000 000	1964
1965	---	1 290 ON MAY 17	24.3 ON MAR 28	11 100 000	1965
1966	---	1 620 ON OCT 17	80.7 ON SEP 18	11 800 000	1966
1967	---	2 040 ON MAY 04	91.2 ON OCT 01	14 900 000	1967
1968	---	1 530 ON APR 18	108 ON JUN 09	11 700 000	1968
1969	---	1 270 ON MAY 04	101 ON MAR 16	12 400 000	1969
1970	---	1 420 ON MAY 02	17.4 ON DEC 25	10 100 000	1970
1971	---	1 180 ON MAY 01	0 ON JAN 10 *	10 500 000	1971
1972	---	1 260 ON MAY 02	0 ON SEP 17	9 830 000	1972
1973	---	1 110 ON APR 23	37.7 ON JAN 14	9 940 000	1973
1974	---	1 080 ON MAY 17	60.3 ON JAN 19	11 100 000	1974
1975	---	1 150 ON MAY 02	83.5 ON OCT 19	8 420 000	1975
1976	---	2 370 ON APR 21	44.2 ON DEC 26	10 200 000	1976
1977	---	1 780 ON APR 23	39.2 ON MAR 29	9 180 000	1977
1978	---	1 540 ON MAY 14	27.2 ON MAR 19	11 000 000	1978
1979	---	2 810 ON MAY 10 *	106 ON JAN 01	14 700 000	1979
1980	---	1 840 ON APR 30	56.9 ON JUL 20	10 700 000	1980
1981	---	1 390 ON MAY 06	34.5 ON SEP 07	9 880 000	1981
1982	---	1 680 ON MAY 03	30.6 ON SEP 06	10 000 000	1982
1983	---	1 470 ON MAY 05	33.9 ON NOV 20	10 600 000	1983
1984	---	1 330 ON JUN 29	69.1 ON SEP 02	8 680 000	1984
1985	---	2 180 ON APR 26	75.9 ON SEP 02	9 130 000	1985
1986	---	1 100 ON APR 21	54.3 ON JUL 01	9 640 000	1986
1987	---	969 ON APR 20	56.4 ON MAY 16	7 810 000	1987
1988	---	1 850 ON MAY 01	126 ON AUG 01	13 100 000	1988
1989	---	1 440 ON MAY 23	51.5 ON OCT 15	10 900 000	1989
1990	---	1 850 ON APR 27	91.7 ON SEP 08	12 900 000	1990
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		10 700 000	MEAN

ABITIBI RIVER AT TWIN FALLS - STATION NO. 04MC002

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1949	---	---	---	---	---	---	---	---	---	104	107	106	---	1949
1950	110	127	121	134	178	177	220	107	105	77.4	80.2	114	129	1950
1951	157	163	179	161	87.7	113	129	114	106	74.8	79.9	103	122	1951
1952	140	167	172	133	207	193	126	149	142	132	93.4	128	148	1952
1953	158	177	207	167	279	119	117	111	74.8	93.8	82.9	81.5	139	1953
1954	131	156	164	113	64.2	111	141	115	129	218	153	155	138	1954
1955	161	183	174	98.7	84.8	107	104	122	107	85.8	98.7	102	119	1955
1956	112	127	148	88.9	182	184	113	120	96.4	102	114	99.5	124	1956
1957	114	125	136	125	77.3	77.2	299	106	89.9	98.4	74.6	105	119	1957
1958	149	157	163	74.8	64.1	72.9	73.8	84.7	101	149	137	142	114	1958
1959	145	156	161	150	64.5	91.8	96.8	92.1	91.5	84.0	88.7	114	111	1959
1960	136	161	191	102	443	268	180	155	138	113	85.7	126	175	1960
1961	138	107	130	108	73.8	98.1	100	107	144	163	89.6	155	118	1961
1962	176	199	200	110	106	215	104	80.5	93.5	124	125	97.5	135	1962
1963	82.7	95.5	107	90.2	74.3	91.3	105	98.8	97.2	123	81.2	97.6	95.4	1963
1964	104	108	120	117	108	358	147	118	124	111	103	147	139	1964
1965	136	125	148	102	33.2	129	135	90.3	76.6	217	172	174	128	1965
1966	145	154	167	108	72.3	91.8	109	136	138	100	191	203	134	1966
1967	221	212	201	132	333	357	125	116	148	117	114	180	202	1967
1968	164	182	174	42.1	80.5	99.3	190	123	103	107	164	159	134	1968
1969	148	135	144	81.2	79.2	193	136	94.0	116	229	221	192	147	1969
1970	184	193	207	139	43.8	96.1	118	133	107	97.6	97.0	105	126	1970
1971	105	131	135	119	127	154	129	108	96.7	95.4	97.0	90.3	115	1971
1972	127	157	159	98.5	45.6	98.8	108	128	96.7	74.1	110	127	111	1972
1973	126	128	83.9	39.9	92.7	134	140	118	96.7	118	141	120	110	1973
1974	105	129	142	95.2	42.7	210	169	153	118	78.1	129	168	128	1974
1975	173	177	136	86.3	45.1	69.0	124	115	106	97.2	75.2	91.9	108	1975
1976	108	107	108	87.6	213	175	125	128	112	124	166	161	135	1976
1977	118	109	144	62.6	89.1	121	129	134	121	112	72.0	92.1	109	1977
1978	115	107	95.0	86.0	18.8	103	222	157	113	83.6	112	129	112	1978
1979	153	143	160	104	333	452	174	115	114	92.3	111	153	175	1979
1980	217	188	170	128	147	125	89.3	148	127	98.1	133	164	144	1980
1981	143	131	165	105	128	135	152	133	103	67.3	78.8	96.1	120	1981
1982	97.9	88.2	86.1	77.3	60.3	98.3	64.3	85.2	91.5	84.2	152	173	97.1	1982
1983	171	173	126	105	92.4	169	113	128	116	104	104	91.1	124	1983
1984	91.6	88.2	113	80.7	86.4	72.8	89.5	140	115	96.7	59.8	102	94.9	1984
1985	148	152	148	115	57.8	99.4	73.7	93.6	112	77.1	91.7	128	108	1985
1986	140	124	139	87.0	87.8	113	120	112	77.1	69.6	92.7	139	108	1986
1987	154	146	130	62.6	62.6	75.5	79.9	110	104	47.5	96.5	115	98.4	1987
1988	133	132	136	44.9	233	134	151	110	132	146	251	174	148	1988
1989	165	164	177	143	218	316	145	170	106	89.9	82.2	123	160	1989
1990	126	119	112	89.5	142	130	251	165	116	112	142	173	140	1990
MEAN	140	147	150	102	124	152	135	120	110	109	115	131	128	MEAN

LOCATION - LAT 48 45 00 N LONG 080 35 00 W DRAINAGE AREA, 9 950 km^2
REGULATED

ABITIBI RIVER AT TWIN FALLS - STATION NO. 04MC002

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1949	---	---	---	---	1949
1950	---	479 ON JUL 07	14.6 ON OCT 22	4 080 000	1950
1951	---	334 ON APR 07	13.1 ON JUN 17	3 850 000	1951
1952	---	575 ON MAY 16	22.9 ON MAY 04	4 690 000	1952
1953	---	428 ON MAY 05	9.63 ON OCT 04	4 390 000	1953
1954	---	527 ON OCT 17	21.0 ON MAY 23	4 340 000	1954
1955	---	215 ON JAN 31	4.25 ON SEP 04	3 740 000	1955
1956	---	561 ON MAY 29	19.9 ON DEC 24	3 920 000	1956
1957	---	665 ON JUL 10 *	13.6 ON JUN 02	3 770 000	1957
1958	---	276 ON OCT 28	14.7 ON AUG 31	3 590 000	1958
1959	---	241 ON APR 15	3.96 ON MAY 03	3 500 000	1959
1960	---	657 ON MAY 21	20.7 ON APR 03	5 540 000	1960
1961	---	317 ON SEP 25	6.51 ON JUN 18	3 720 000	1961
1962	---	345 ON JUN 02	0 ON AUG 05 *	4 270 000	1962
1963	---	196 ON JUL 09	0 ON JUN 09	3 010 000	1963
1964	---	648 ON JUN 23	0 ON AUG 16	4 380 000	1964
1965	---	289 ON OCT 16	0 ON APR 30	4 050 000	1965
1966	---	309 ON DEC 12	0 ON JUL 01	4 240 000	1966
1967	---	623 ON MAY 24	5.95 ON AUG 20	6 380 000	1967
1968	---	344 ON JUL 20	0 ON JUN 30	4 240 000	1968
1969	---	425 ON OCT 14	7.36 ON MAY 18	4 650 000	1969
1970	---	269 ON JUL 21	6.80 ON JUN 14	3 980 000	1970
1971	---	256 ON JUL 20	6.23 ON MAR 28	3 620 000	1971
1972	---	205 ON JUN 16	6.80 ON SEP 17	3 500 000	1972
1973	---	194 ON MAY 29	6.51 ON APR 02	3 460 000	1973
1974	---	552 ON JUN 05	0.850 ON MAY 21	4 040 000	1974
1975	---	179 ON FEB 07	8.52 ON APR 28	3 400 000	1975
1976	---	411 ON MAY 26	13.0 ON APR 16	4 260 000	1976
1977	---	178 ON MAR 16	8.21 ON APR 21	3 430 000	1977
1978	---	362 ON JUL 03	0 ON MAY 13	3 530 000	1978
1979	---	638 ON JUN 21	8.78 ON APR 21	5 530 000	1979
1980	---	411 ON MAY 12	9.06 ON APR 25	4 570 000	1980
1981	---	397 ON MAY 16	12.2 ON APR 20	3 780 000	1981
1982	---	180 ON DEC 01	6.91 ON MAY 09	3 060 000	1982
1983	---	280 ON JUN 14	29.9 ON MAY 22	3 910 000	1983
1984	---	181 ON AUG 22	17.0 ON JUN 28	3 000 000	1984
1985	---	178 ON MAR 23	7.00 ON MAY 06	3 400 000	1985
1986	---	168 ON AUG 09	4.29 ON APR 24	3 410 000	1986
1987	---	172 ON JAN 16	13.2 ON OCT 05	3 100 000	1987
1988	---	542 ON MAY 13	8.95 ON MAY 01	4 680 000	1988
1989	---	448 ON MAY 25	19.6 ON APR 30	5 040 000	1989
1990	---	461 ON JUL 09	6.56 ON MAY 02	4 420 000	1990
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		4 040 000	MEAN

ALBANY RIVER ABOVE HOTTIK ISLAND - STATION NO. 04GD001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1966	---	---	---	---	---	---	---	---	---	---	157	101	---	1966
1967	77.7	68.8	67.7	70.0	366	624	274	252	123	88.1	133	81.0	186	1967
1968	73.5	67.5	57.2	93.5	608	561	542	693	563	574	597	389	403	1968
1969	282	216	168	179	672	775	575	344	480	580	512	326	427	1969
1970	242	183	118	74.5	347	407	377	352	433	534	440	317	320	1970
1971	226	223	199	217	683	406	200	294	135	316	388	243	297	1971
1972	198	167	149	153	414	294	164	188	184	302	216	139	214	1972
1973	96.5	75.5	67.6	82.4	424	328	421	472	352	255	198	127	243	1973
1974	97.4	79.7	64.9	61.1	542	1 300	818	454	460	471	257	157	398	1974
1975	108	81.6	68.2	75.6	323	495	436	493	302	233	255	164	254	1975
1976	111	80.7	64.9	94.7	396	262	209	124	99.5	154	110	78.3	149	1976
1977	79.2	67.8	62.1	91.6	370	286	332	303	349	259	171	120	204	1977
1978	87.9	72.2	63.0	60.5	294	463	319	466	418	265	188	120	236	1978
1979	80.5	60.7	61.1	76.4	355	374	336	366	452	382	367	221	262	1979
1980	140	102	73.3	80.7	394	208	140	100	110	226	190	107	156	1980
1981	71.7	56.0	63.7	68.1	339	371	208	81.8	44.7	30.4	34.6	47.4	118	1981
1982	44.2	36.9	29.0	38.6	499	510	278	177	244	298	251	144	213	1982
1983	94.6	67.2	63.8	68.2	228	244	514	274	151	191	191	131	185	1983
1984	94.8	74.6	60.2	142	433	437	283	205	115	108	119	107	182	1984
1985	91.5	80.2	69.8	112	786	562	540	525	489	620	580	303	399	1985
1986	169	113	86.1	94.4	471	315	242	140	89.8	154	148	94.7	177	1986
1987	69.4	59.3	58.2	115	451	216	195	198	235	156	129	91.7	148	1987
1988	56.4	42.3	39.9	84.4	198	222	300	263	356	434	293	184	209	1988
1989	110	76.1	65.1	66.4	413	456	304	178	140	123	109	67.5	176	1989
1990	42.5	31.9	35.0	43.3	323	522	361	176	100	125	131	85.0	165	1990
MEAN	115	90.2	76.4	93.4	422	445	349	297	268	287	247	158	238	MEAN

LOCATION - LAT 51 38 30 N DRAINAGE AREA, 32 400 km²
LONG 086 23 50 W REGULATED

REMARKS - MINOR REGULATION BY DIVERSION TO LAKE WINNIPEG AND LAKE SUPERIOR

ALBANY RIVER ABOVE MOTTIK ISLAND - STATION NO. 04GD001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1966	---	---	---	---	1966
1967	---	810 ON JUN 04	66.0B ON APR 18	5 860 000	1967
1968	---	776 ON OCT 29	56.6B ON MAR 14	12 700 000	1968
1969	934 AT 00:01 EST ON JUN 14	934 ON JUN 14	129 B ON APR 20	13 500 000	1969
1970	612 AT 05:28 EST ON OCT 15	612 ON OCT 15	64.6B ON APR 23	10 100 000	1970
1971	810 AT 17:30 EST ON MAY 21	799 ON MAY 21	105 ON SEP 28	9 370 000	1971
1972	501 AT 12:00 EST ON MAY 22	501 ON MAY 22	111 B ON DEC 31	6 770 000	1972
1973	586 AT 00:52 EST ON AUG 16	586 ON AUG 15	64.0B ON APR 13	7 660 000	1973
1974	1 350 AT 04:01 EST ON JUN 02 *	1 340 ON JUN 01 *	56.9B ON APR 05	12 600 000	1974
1975	---	---	---	---	1975
1976	515B AT 20:00 EST ON APR 16	665A ON JUN 23	65.1B ON MAR 30	8 010 000	1976
1977	408 AT 09:10 EST ON MAY 12	513 ON MAY 17	62.3B ON MAR 23	4 710 000	1977
1978	592 AT 22:06 EST ON AUG 25	405 ON MAY 12	41.3B ON MAR 24	6 420 000	1978
1979	5C4 AT 18:01 EST ON MAY 25	592 ON AUG 26	57.8B ON APR 08	7 430 000	1979
		502 ON MAY 25	56.1B ON FEB 28	8 260 000	
1980	485 AT 23:45 EST ON MAY 12	482 ON MAY 13	57.7B ON APR 12	4 940 000	1980
1981	471 AT 05:50 EST ON MAY 23	470 ON MAY 23	26.8 ON OCT 16 *	3 740 000	1981
1982	763 AT 19:14 EST ON MAY 23	759 ON MAY 24	27.7B ON MAR 20	6 730 000	1982
1983	703 AT 12:00 EST ON JUL 18	703 ON JUL 18	59.5B ON APR 08	5 850 000	1983
1984	496 AT 00:24 EST ON MAY 12	493 ON MAY 10	56.0B ON APR 06	5 750 000	1984
1985	968 AT 14:16 EST ON MAY 20	966 ON MAY 20	63.5B ON APR 10	12 600 000	1985
1986	564 AT 23:50 EST ON MAY 17	559 ON MAY 17	79.0B ON APR 12	5 580 000	1986
1987	281 AT 13:59 EST ON SEP 01	280 ON SEP 01	56.0B ON MAR 16	4 680 000	1987
1988	486 AT 09:35 EST ON OCT 01	484 ON OCT 01	38.2B ON MAR 11	6 620 000	1988
1989	662 AT 09:37 EST ON MAY 27	659 ON MAY 27	52.0B ON DEC 31	5 560 000	1989
1990	585 AT 18:43 EST ON JUN 19	583 ON JUN 19	27.8B ON MAR 05	5 210 000	1990
				7 530 000	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX) B - ICE CONDITIONS * - EXTREME RECORDED FOR THE PERIOD OF RECORD

ALBANY RIVER BELOW ACHAPI LAKE - STATION NO. 04GC002

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1970	---	---	---	---	---	---	---	83.7	81.2	80.3	162	170	---	1970
1971	152	143	116	58.9	90.4	71.9	51.7	36.3	25.5	39.6	77.5	98.9	79.9	1971
1972	122	102	94.0	90.5	78.2	48.8	38.1	39.0	46.2	58.1	40.5	29.8	65.5	1972
1973	23.8	21.2	20.1	28.5	52.7	38.5	60.8	81.3	73.2	55.8	44.6	29.8	44.1	1973
1974	23.2	20.2	18.6	22.5	104	519	434	161	287	130	67.6	43.9	153	1974
1975	32.1	25.9	22.4	26.3	91.8	74.7	54.3	73.1	47.7	37.8	38.6	28.0	46.2	1975
1976	23.6	21.5	19.9	38.0	53.5	39.7	26.5	21.2	23.1	23.0	17.1	12.2	26.6	1976
1977	9.13	7.69	7.28	27.5	62.1	41.1	63.5	54.3	66.4	49.9	36.6	30.1	38.2	1977
1978	26.5	23.5	19.3	19.1	68.3	99.1	153	217	82.8	51.0	39.6	26.5	69.3	1978
1979	21.0	18.2	18.7	29.0	84.2	76.6	81.6	62.6	99.9	72.9	76.6	47.9	57.6	1979
1980	28.0	22.2	20.1	31.8	52.3	36.5	26.4	22.4	38.6	45.6	31.7	21.5	31.4	1980
1981	16.8	15.3	13.8	19.2	48.4	41.2	31.3	18.7	13.2	12.5	12.9	9.72	21.1	1981
1982	7.49	6.75	7.74	15.0	76.3	62.3	46.8	37.1	42.5	45.0	45.2	33.1	35.6	1982
1983	25.6	22.9	22.0	23.4	39.9	36.3	71.9	42.2	34.8	38.9	34.3	29.4	35.3	1983
1984	27.	24.3	20.1	41.0	62.3	75.4	50.8	40.5	34.8	33.7	36.0	32.5	39.9	1984
1985	29.1	25.7	22.9	43.0	156	144	346	235	242	303	285	229	173	1985
1986	107	42.6	34.3	47.8	---	---	---	---	---	---	---	---	---	1986
MEAN	42.2	33.9	29.8	35.1	74.7	93.7	102	76.6	77.4	67.3	65.2	54.5	61.1	MEAN

LOCATION - LAT 51 22 00 N LONG 089 25 20 W DRAINAGE AREA, 16 300 km² REGULATED

REMARKS - STATION DISCONTINUED MAY 29 1986

ALBANY RIVER BELOW ACHAPI LAKE - STATION NO. 04GC002

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1970	---	---	---	---	1970
1971	---	160 B ON JAN 01	20.1 ON SEP 26	2 520 000	1971
1972	---	141 ON JAN 01	25.6 B ON DEC 31	4 070 000	1972
1973	---	91.2E ON AUG 14	19.3 ON APR 13	1 390 000	1973
1974	677 AT 16:05 EST ON JUN 20 *	674 ON JUN 20 *	17.7 B ON APR 11	4 820 000	1974
1975	118 AT 14:48 EST ON MAY 09	116 ON MAY 09	20.4 B ON APR 09	1 460 000	1975
1976	---	64.8 ON APR 28	10.4 B ON DEC 31	841 000	1976
1977	---	111 E ON JUL 25	6.80B ON MAR 24	1 200 000	1977
1978	239 AT 14:45 EST ON AUG 18	234 ON AUG 18	15.5 B ON APR 14	2 180 000	1978
1979	133 AT 11:59 EST ON SEP 08	133 ON SEP 08	16.6 B ON MAR 17	1 820 000	1979
1980	66.7 AT 14:00 EST ON MAY 04	64.8 ON MAY 04	18.3 B ON DEC 31	994 000	1980
1981	57.1 AT 15:24 EST ON MAY 14	56.4 ON MAY 14	8.35B ON DEC 31	666 000	1981
1982	98.7 AT 20:59 EST ON MAY 22	98.4 ON MAY 22	6.48B ON MAR 10 *	1 120 000	1982
1983	104 AT 14:26 EST ON JUL 11	99.1 ON JUL 11	21.7 B ON APR 04	1 110 000	1983
1984	99.2 AT 14:08 EST ON JUN 11	95.8 ON JUN 12	19.5 B ON MAR 25	1 260 000	1984
1985	451 AT 17:34 EST ON JUL 14	449 ON JUL 13	21.6 B ON APR 09	5 450 000	1985
1986	---	---	---	---	1986
				1 930 000	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

ALBANY RIVER NEAR HAT ISLAND - STATION NO. 04HA001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1964	---	---	---	---	---	---	---	---	---	---	874	312	---	1964
1965	226	205	197	228	2 880	1 500	1 140	557	544	1 530	845	516	870	1965
1966	474	392	299	---	---	---	---	---	---	---	---	393	---	1966
1967	241	171	131	556	3 540	2 260	809	806	322	633	805	251	882	1967
1968	187	145	127	1 720	2 850	1 680	2 130	2 790	1 740	1 920	1 200	565	1 430	1968
1969	447	357	257	684	4 130	2 870	2 090	1 410	1 440	1 530	918	507	1 400	1969
1970	353	277	203	212	2 950	1 670	1 220	654	---	---	---	---	---	1970
1971	---	---	275	658	3 600	1 670	713	853	---	---	---	---	---	1971
1972	---	316	272	297	2 580	1 110	733	627	552	1 170	723	315	---	1972
1973	264	163	150	784	2 670	1 270	2 110	1 310	775	690	355	242	906	1973
1974	223	206	188	209	3 450	4 170	2 170	1 350	1 220	1 510	855	370	1 330	1974
1975	266	264	249	490	2 940	2 360	1 400	1 150	832	887	1 190	264	1 030	1975
1976	231	179	128	1 780	2 560	1 220	697	374	302	386	470	143	690	1976
1977	116	107	112	1 640	2 370	1 010	1 800	866	1 530	1 060	707	231	967	1977
1978	104	167	136	207	2 800	2 380	831	922	1 080	861	451	229	858	1978
1979	182	151	154	920	2 810	1 650	842	817	1 430	1 280	1 080	428	982	1979
1980	333	235	157	751	3 220	841	334	325	397	1 010	739	307	724	1980
1981	162	145	215	947	2 090	1 250	554	195	114	121	91.5	505	1981	
1982	81.4	77.5	76.3	145	1 880	1 820	1 280	609	935	1 380	790	369	961	1982
1983	235	198	184	360	3 010	1 600	1 460	967	502	1 580	1 100	529	950	1983
1984	264	184	142	1 570	2 730	2 360	1 320	940	400	523	465	324	936	1984
1985	239	195	169	1 490	3 660	1 810	1 520	1 850	1 470	2 630	2 050	932	1 510	1985
1986	417	224	152	974	2 600	1 070	860	344	257	855	577	201	722	1986
1987	178	133	119	680	922	808	824	948	757	933	592	195	610	1987
1988	220	136	111	995	2 890	1 410	986	804	1 300	1 480	1 270	582	1 020	1988
1989	289	207	164	325	3 740	1 610	672	472	309	366	420	236	739	1989
1990	140	111	134	622	3 200	2 380	1 320	416	363	625	555	259	848	1990
MEAN	251	198	175	769	2 960	1 750	1 190	881	808	1 090	790	363	949	MEAN

LOCATION - LAT 51 19 50 N DRAINAGE AREA 118 000 km²
LONG 083 50 20 W REGULATED SINCE 1934

REMARKS - GAUGE RELOCATED APPROX 3.5 KM DOWNSTREAM SEP 28 1988

ALBANY RIVER NEAR HAT ISLAND - STATION NO. 04HA001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1964	---	---	---	---	1964
1965	4 190 AT 09:00 EST ON MAY 11	4 190RB ON MAY 11	193 RB ON APR 08	27 400 000	1965
1966	---	---	---	---	1966
1967	---	---	---	---	1967
1968	3 790 AT 17:30 EST ON APR 30	4 810E ON MAY 25	122 RB ON MAR 23	27 800 000	1968
1969	6 230 AT 01:00 EST ON MAY 07 *	3 770 ON MAY 01	110 B ON MAR 20	45 100 000	1969
		5 610 ON MAY 07	283 B ON APR 09	44 000 000	
1970	4 730 AT 06:00 EST ON MAY 03	4 700 ON MAY 03	146 RB ON APR 17	---	1970
1971	5 320 AT 03:39 EST ON MAY 10	---	---	---	1971
1972	3 600 AT 20:30 EST ON MAY 15	3 570 ON MAY 15	---	---	1972
1973	3 620 AT 12:20 EST ON MAY 12	3 620 ON MAY 12	125 B ON MAR 02	28 600 000	1973
1974	---	5 950E ON MAY 25	171 B ON APR 17	42 100 000	1974
1975	---	4 790E ON MAY 07	215 B ON DEC 31	32 500 000	1975
1976	---	6 800B ON APR 24	113 B ON MAR 22	21 800 000	1976
1977	5 040 AT 17:00 EST ON APR 25	5 010 ON APR 25	105 B ON FEB 24	30 500 000	1977
1978	4 250 AT 05:00 EST ON MAY 17	4 220 ON MAY 17	123 B ON MAR 27	27 100 000	1978
1979	3 590 AT 18:54 EST ON MAY 14	3 570 ON MAY 14	139 B ON MAR 10	31 000 000	1979
1980	5 290 AT 23:24 EST ON MAY 02	5 270 ON MAY 02	130 B ON APR 03	22 900 000	1980
1981	3 050 AT 04:00 EST ON MAY 07	2 740 ON MAY 07	85.0E ON OCT 05	15 900 000	1981
1982	6 040 AT 14:59 EST ON MAY 08	6 000 ON MAY 08	74.0B ON MAR 12 *	10 300 000	1982
1983	---	3 470E ON MAY 28	157 B ON APR 07	10 000 000	1983
1984	4 290 AT 07:30 EST ON APR 30	4 280 ON APR 30	129 B ON MAR 20	29 600 000	1984
1985	---	7 400E ON APR 27 *	155 B ON APR 15	47 600 000	1985
1986	---	3 380B ON MAY 10	145 B ON MAR 16	22 800 000	1986
1987	---	1 400E ON APR 25	112 B ON MAR 18	19 200 000	1987
1988	4 060 AT 18:00 EST ON MAY 05	4 060 ON MAY 05	110 B ON MAR 09	32 400 000	1988
1989	4 620 AT 15:30 EST ON MAY 16	4 590 ON MAY 16	156 B ON MAR 24	23 300 000	1989
1990	4 710 AT 23:45 EST ON MAY 01	4 450B ON MAY 02	101 B ON MAR 06	26 700 000	1990
				29 900 000	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD
R - REVISED SINCE JAN 01 1989

ALDER CREEK NEAR NEW DUNDEE - STATION NO. 02GA030

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1965	---	---	---	---	---	---	---	---	0.024	0.108	0.162	0.305	---	1965
1966	0.096	0.169	0.340	0.137	0.093	0.052	0.006	0.017	0.020	0.028	0.189	0.322	0.122	1966
1967	0.179	0.133	0.482	0.465	0.134	0.487	0.155	0.086	0.070	0.211	0.277	0.322	0.250	1967
1968	0.188	0.700	1.12	0.186	0.150	0.088	0.043	0.245	0.209	0.164	0.184	0.166	0.285	1968
1969	---	0.182	---	---	---	---	---	0.050	0.035	0.066	0.165	0.080	---	1969
1970	0.053	0.067	0.182	0.404	0.137	0.043	0.078	0.033	0.064	0.102	0.169	0.193	0.127	1970
1971	0.070	0.147	0.279	0.669	0.099	0.050	0.044	0.054	0.036	0.064	0.080	0.181	0.147	1971
1972	0.268	0.059	0.557	0.842	0.128	0.228	0.191	0.088	0.068	0.144	0.164	0.186	0.244	1972
1973	0.137	0.150	1.16	0.256	0.204	0.086	0.058	0.068	0.064	0.085	0.162	0.111	0.214	1973
1974	0.148	0.096	0.570	0.396	0.281	0.136	0.080	0.044	0.055	0.058	0.158	0.086	0.176	1974
1975	0.186	0.524	0.616	0.500	0.156	0.133	0.049	0.205	0.107	0.082	0.139	0.203	0.240	1975
1976	0.260	0.488	0.890	0.353	0.241	0.077	0.075	0.135	0.102	0.107	0.107	0.088	0.243	1976
1977	0.018	0.024	0.738	0.401	0.077	0.085	0.047	0.061	0.316	0.357	0.181	0.347	0.222	1977
1978	0.148	0.079	0.249	1.02	0.156	0.056	0.050	0.040	0.171	0.080	0.104	0.108	0.188	1978
1979	0.115	0.067	1.43	0.605	0.211	0.109	0.075	0.063	0.078	0.087	0.240	0.419	0.294	1979
1980	0.238	0.049	1.05	0.423	0.139	0.122	0.070	0.057	0.080	0.090	0.129	0.176	0.220	1980
1981	0.081	0.771	0.172	0.192	0.118	0.087	0.056	0.056	0.147	0.161	0.108	0.077	0.164	1981
1982	0.040	0.032	1.23	0.754	0.098	0.130	0.068	0.140	0.122	0.096	0.317	0.392	0.303	1982
1983	0.176	0.448	0.236	0.322	0.353	0.128	0.079	0.097	0.084	0.105	0.165	0.275	0.204	1983
1984	0.081	0.807	0.687	0.386	0.166	0.215	0.079	0.065	0.127	0.086	0.159	0.267	0.258	1984
1985	0.116	1.19	1.25	0.546	0.104	0.121	0.089	0.114	0.096	0.110	0.417	0.184	0.355	1985
1986	0.144	0.094	0.706	0.218	0.198	0.158	0.095	0.079	0.412	0.350	0.184	0.229	0.240	1986
1987	0.139	0.005	0.483	0.377	0.088	0.086	0.196	0.089	0.078	0.135	0.207	0.343	0.193	1987
1988	0.247	0.278	0.577	0.218	0.097	0.039	0.135	0.051	0.059	0.112	0.231	0.097	0.178	1988
1989	0.207	0.088	0.618	0.209	0.087	0.142	0.019	0.012	0.013	0.016	0.086	0.018	0.127	1989
1990	0.335	0.482	0.525	0.134	0.095	0.027	0.051	0.025	0.039	0.175	0.218	0.400	0.208	1990
MEAN	0.153	0.288	0.673	0.417	0.150	0.120	0.079	0.079	0.103	0.122	0.181	0.222	0.217	MEAN

LOCATION - LAT 43 22 19 N LONG 080 33 06 W DRAINAGE AREA, 49.7 km² REGULATED

ALDER CREEK NEAR NEW DUNDEE - STATION NO. 02GA030

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1965	---	---	---	---	1965
1966	4.13 AT 06:00 EST ON DEC 07	2.89 ON DEC 07	0.003 ON JUL 12 *	3 860	1966
1967	7.08 AT 07:00 EST ON JUN 29	4.89 ON JUN 29	0.028 ON JUN 06	7 890	1967
1968	9.54B AT 15:00 EST ON MAR 16	7.08 ON FEB 02	0.023 ON JUL 30	9 010	1968
1969	---	---	---	---	1969
1970	2.60 AT 05:08 EST ON APR 03	1.07 ON APR 08	0.019 ON SEP 07	4 010	1970
1971	8.86B AT 07:30 EST ON APR 02	2.83B ON APR 02	0.010 ON JUL 12	4 640	1971
1972	5.66 AT 09:43 EST ON APR 13	4.79 ON APR 13	0.042 ON SEP 22	7 710	1972
1973	19.1 B AT 10:00 EST ON MAR 04	4.36 ON MAR 11	0.022 ON SEP 09	6 750	1973
1974	11.1 AT 01:09 EST ON MAR 05	4.73 ON MAR 05	0.021 ON AUG 20	5 560	1974
1975	14.2 AT 19:41 EST ON FEB 24	9.46 ON FEB 24	0.019 ON AUG 01	7 550	1975
1976	7.53 AT 19:45 EST ON MAR 05	3.88 ON MAR 20	0.045 ON JUN 21	7 690	1976
1977	13.2 B AT 03:45 EST ON MAR 13	6.97B ON MAR 13	0.011B ON JAN 21	7 010	1977
1978	6.26 AT 15:02 EST ON APR 01	3.40 ON APR 01	0.025 ON SEP 09	5 920	1978
1979	21.2 B AT 17:05 EST ON MAR 04	10.0 B ON MAR 04	0.031B ON FEB 19	9 270	1979
1980	22.0 AT 12:14 EST ON MAR 21 *	10.1 ON MAR 21	0.025B ON MAR 13	6 950	1980
1981	---	5.80B ON FEB 20	0.028 ON AUG 02	5 180	1981
1982	17.4 AT 16:00 EST ON MAR 31	12.8 ON MAR 31 *	0.024B ON FEB 07	9 560	1982
1983	5.50 AT 21:20 EST ON FEB 02	3.14 ON FEB 03	0.041 ON SEP 15	6 430	1983
1984	15.0 B AT 09:16 EST ON FEB 14	6.00B ON FEB 14	0.045 ON JUL 30	8 150	1984
1985	---	9.12B ON FEB 24	0.028 ON AUG 12	11 200	1985
1986	7.77B AT 14:30 EST ON MAR 19	5.05B ON MAR 19	0.044 ON SEP 08	7 570	1986
1987	6.69 AT 16:56 EST ON JUL 03	2.27 ON APR 05	0.028 ON AUG 24	6 090	1987
1988	7.31 AT 23:34 EST ON JUL 30	2.77 ON MAR 25	0.025 ON JUL 10	5 640	1988
1989	14.0 AT 17:38 EST ON MAR 25	6.14 ON MAR 25	0.005 ON OCT 29	3 990	1989
1990	---	4.20 ON FEB 23	0.006 ON JUL 06	6 550	1990
	B - ICE CONDITIONS	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		6 840	MEAN

AMABLE DU FOND RIVER AT SAMUEL DE CHAMPLAIN PROVINCIAL PARK - STATION NO. 02JE019

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1972	5.84	5.97	5.68	25.9	67.6	23.8	18.6	18.2	13.7	14.4	19.2	13.0	19.4	1972
1973	10.6	16.2	34.4	55.2	31.3	29.6	23.6	18.8	11.1	9.36	9.93	13.8	22.0	1973
1974	10.9	11.4	16.5	47.5	49.9	20.7	13.1	9.38	7.16	4.26	15.9	11.4	18.2	1974
1975	8.43	6.66	7.29	27.6	38.5	13.4	4.24	1.97	2.32	5.80	8.03	14.8	11.6	1975
1976	12.7	8.85	22.4	62.5	31.8	14.2	12.5	3.99	3.70	3.42	3.68	5.55	15.4	1976
1977	5.33	4.99	16.0	22.5	26.6	6.13	3.66	4.76	9.14	14.5	17.6	17.5	14.9	1977
1978	10.6	5.42	5.26	24.8	38.4	11.3	5.84	4.33	4.91	10.1	10.6	7.85	12.0	1978
1979	8.06	7.33	16.6	52.3	41.2	14.1	5.59	4.84	5.15	8.02	20.4	20.7	17.0	1979
1980	13.3	8.29	12.2	56.8	28.0	19.1	20.3	17.8	22.5	30.0	25.5	17.4	22.6	1980
1981	11.3	16.1	23.5	54.8	29.7	22.5	12.6	7.94	15.0	23.7	16.0	13.8	20.7	1981
1982	10.1	7.00	7.48	41.0	30.9	9.44	6.81	3.10	3.94	5.61	14.2	27.8	14.0	1982
1983	24.3	12.3	16.7	30.7	50.0	22.6	6.07	3.26	4.51	11.5	18.4	16.2	18.1	1983
1984	10.3	15.2	16.4	49.1	31.9	26.9	17.9	9.10	7.15	6.98	22.3	19.7	19.4	1984
1985	20.0	11.2	13.6	57.9	41.1	10.8	12.3	9.06	8.67	7.94	12.1	13.7	18.2	1985
1986	11.2	8.48	14.7	52.8	28.4	17.8	8.57	4.28	3.46	5.06	5.33	5.46	13.8	1986
1987	5.00	5.18	11.2	29.8	12.6	10.4	5.35	4.40	3.59	4.33	6.09	10.6	9.05	1987
1988	8.76	10.5	9.47	47.9	23.4	8.76	5.45	13.5	10.4	17.1	27.1	16.2	16.5	1988
1989	11.2	9.44	11.5	35.7	35.1	17.8	8.88	5.18	3.47	3.42	8.95	7.60	13.2	1989
1990	7.88	9.14	20.1	35.5	38.0	16.1	6.50	4.30	6.34	16.0	26.0	30.2	18.0	1990
MEAN	10.8	9.56	14.8	44.2	35.5	16.7	10.4	7.80	7.70	10.6	15.2	14.9	16.5	MEAN

LOCATION - LAT 46 18 00 N
LONG 078 52 45 W
DRAINAGE AREA, 1 130 km²
REGULATED

AMABLE DU FOND RIVER AT SAMUEL DE CHAMPLAIN PROVINCIAL PARK - STATION NO. 02JE019

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1972	115 AT 15:42 EST ON MAY 09	114 ON MAY 09	5.49B ON MAR 13	613 000	1972
1973	97.1 AT 22:31 EST ON JUN 27	88.9 ON JUN 28	8.41 ON OCT 12	693 000	1973
1974	81.3 AT 23:00 EST ON APR 23	81.0 ON APR 24	2.58 ON OCT 09	573 000	1974
1975	73.3 AT 13:42 EST ON MAY 03	72.8 ON MAY 03	1.48 ON SEP 05 *	366 000	1975
1976	94.6 AT 07:49 EST ON APR 02	92.9 ON APR 02	2.17 ON AUG 30	488 000	1976
1977	61.2 AT 05:54 EST ON APR 16	60.9 ON APR 16	2.83E ON JUL 21	471 000	1977
1978	60.9 AT 04:53 EST ON APR 29	60.3 ON APR 29	2.66 ON AUG 14	377 000	1978
1979	83.8 AT 05:28 EST ON APR 28	81.8 ON APR 28	3.48 ON OCT 04	537 000	1979
1980	91.6 AT 12:54 EST ON APR 10	88.7 ON APR 10	7.20E ON MAR 15	714 000	1980
1981	87.1 AT 16:25 EST ON APR 05	83.8 ON APR 05	5.13 ON AUG 28	653 000	1981
1982	75.7 AT 23:08 EST ON APR 18	72.8 ON APR 19	2.66 ON AUG 18	441 000	1982
1983	91.3 AT 13:09 EST ON MAY 08	88.1 ON MAY 08	2.83 ON AUG 15	570 000	1983
1984	71.1 AT 05:07 EST ON APR 21	70.3 ON APR 21	5.08 ON OCT 19	612 000	1984
1985	139 AT 19:08 EST ON APR 24 *	138 ON APR 24 *	4.90 ON AUG 18	574 000	1985
1986	87.5 AT 10:13 EST ON APR 02	86.4 ON APR 02	2.95 ON SEP 03	434 000	1986
1987	47.0 AT 04:58 EST ON MAR 31	46.0 ON MAR 31	3.09 ON SEP 27	285 000	1987
1988	64.8 AT 12:59 EST ON APR 11	64.1 ON APR 11	3.10E ON JUL 18	522 000	1988
1989	45.0 AT 12:48 EST ON MAY 09	44.7 ON MAY 09	2.77 ON OCT 05	416 000	1989
1990	66.1 AT 11:18 EST ON NOV 29	65.1 ON NOV 29	3.24 ON SEP 09	569 000	1990
				521 000	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

ANCASTER CREEK AT ANCASTER - STATION NO. 02HB021

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1986	---	---	---	---	---	---	---	---	0.090	0.084	0.090	0.129	---	1986
1987	0.086	0.073	0.146	0.184	0.066	0.076	0.075	0.102	0.070	0.069	0.087	0.104	0.095	1987
1988	0.076	0.101	0.111	0.072	0.049	0.024	0.043	0.052	0.060	0.058	0.074	0.067	0.065	1988
1989	0.091	0.075	0.119	0.073	0.075	0.080	0.054	0.030	0.054	0.058	0.067	0.052	0.071	1989
1990	0.124	0.168	0.164	0.108	0.112	0.064	0.058	0.069	0.053	0.082	0.084	0.179	0.105	1990
MEAN	0.094	0.104	0.135	0.109	0.076	0.061	0.058	0.063	0.065	0.070	0.084	0.106	0.084	MEAN

LOCATION - LAT 43 13 52 N
LONG 079 58 24 W
DRAINAGE AREA, 9.14 km²
NATURAL FLOW

REMARKS - STATION ACTIVATED AUG 7 1986

ANCASTER CREEK AT ANCASTER - STATION NO. 02HB021

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1986	---	---	---	---	1986
1987	3.31 AT 11:50 EST ON AUG 09	1.07 ON APR 05	0.032 ON JUN 19	2 990	1987
1988	2.14 AT 15:43 EST ON SEP 04	0.331 ON SEP 04	0.014 ON JUL 09 *	2 070	1988
1989	3.70 AT 15:55 EST ON JUL 26 *	0.502 ON JUL 26	0.018 ON JUL 18	2 230	1989
1990	2.38 AT 17:19 EST ON DEC 29	1.31 ON DEC 29 *	0.035 ON AUG 03	3 320	1990
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		2 650	MEAN

ARMSTRONG CREEK AT MARKDALE - STATION NO. 02FC009

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1920	---	---	---	---	---	---	---	0.177	0.163	---	---	---	---	1920
MEAN	---	---	---	---	---	---	---	0.177	0.163	---	---	---	---	MEAN

LOCATION - LAT 44 18 43 N LONG 080 39 26 W DRAINAGE AREA, 9.32 km² NATURAL FLOW

ARMSTRONG CREEK AT MARKDALE - STATION NO. 02FC009

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1920	---	---	---	---	1920
				---	MEAN

ASHEWEIG RIVER ABOVE LONG DOG LAKE - STATION NO. 04DB002

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1967	---	---	---	---	---	---	---	---	---	---	---	13.7	---	1967
1968	9.01	6.37	4.66	4.92	23.5	25.9	44.6	56.5	53.5	65.8	48.6	19.2	30.3	1968
1969	10.9	8.61	7.87	14.1	48.5	42.5	57.2	29.3	68.3	138	42.9	20.2	40.9	1969
1970	12.5	9.00	6.99	6.00	79.6	66.8	86.0	24.5	45.1	75.5	51.7	20.8	40.6	1970
1971	13.7	11.8	10.3	19.6	140	39.5	26.2	38.7	25.0	60.0	81.1	34.3	42.0	1971
1972	16.3	10.2	6.29	6.11	89.9	68.4	31.5	17.3	21.6	78.3	34.3	15.5	35.8	1972
1973	10.8	8.77	7.37	6.80	33.0	58.2	63.5	22.5	21.5	30.9	39.0	26.2	27.5	1973
1974	15.0	9.38	6.98	6.52	44.4	169	86.4	32.6	46.6	38.8	21.0	16.2	40.9	1974
1975	12.4	9.81	7.91	7.99	77.8	56.8	48.7	101	43.2	28.1	26.7	15.2	36.5	1975
1976	9.65	7.89	6.55	15.2	81.7	59.8	31.4	28.1	14.7	11.8	10.4	8.41	23.9	1976
1977	7.34	6.75	6.39	18.1	51.2	---	---	---	---	---	---	---	---	1977
MEAN	12.0	8.86	7.13	10.5	67.0	65.2	52.8	41.2	38.8	58.3	39.5	19.0	35.4	MEAN

LOCATION - LAT 53 31 40 N LONG 089 17 40 W DRAINAGE AREA, 3 240 km² NATURAL FLOW

ASHEWEIG RIVER ABOVE LONG DOG LAKE - STATION NO. 04DB002

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1967	---	---	---	---	1967
1968	---	---	---	---	1968
1969	187 AT 17:00 EST ON OCT 01	97.4 ON OCT 26 187 ON OCT 02	3.57 ON APR 03 * 7.76B ON MAR 16	959 000 1 290 000	1969
1970	130 AT 19:50 EST ON JUL 08	137 ON JUL 09	4.90 ON APR 21	1 280 000	1970
1971	200 AT 14:39 EST ON MAY 16 *	199 ON MAY 16	9.49B ON APR 07	1 320 000	1971
1972	123 AT 17:16 EST ON MAY 22	121 ON MAY 22	4.45B ON APR 12	1 130 000	1972
1973	---	94.3E ON JUN 02	6.60E ON APR 16	867 000	1973
1974	---	212 E ON JUN 23 *	6.00B ON APR 11	1 290 000	1974
1975	128 AT 00:14 EST ON AUG 19	127 ON AUG 18	6.34B ON APR 18	1 150 000	1975
1976	118 AT 16:20 EST ON MAY 20	117 ON MAY 21	5.72B ON APR 08	755 000	1976
1977	68.0 AT 15:30 EST ON MAY 07	67.1 ON MAY 04	---	---	1977
				1 120 000	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

ASHEWEIG RIVER AT STRAIGHT LAKE - STATION NO. 04DB001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1967	31.4	24.4	16.7	13.4	20.4	275	109	53.9	33.5	22.7	22.6	35.9	54.8	1967
1968	30.0	22.0	20.8	16.2	35.9	71.2	78.7	107	126	116	175	63.5	71.3	1968
1969	33.7	24.8	20.6	18.2	84.3	143	122	95.7	122	328	145	66.7	101	1969
1970	41.8	28.7	21.6	19.4	100	185	164	96.5	82.7	188	153	88.8	97.9	1970
1971	56.8	43.5	35.0	30.8	261	196	71.5	123	81.6	124	179	87.4	108	1971
1972	43.5	24.7	16.9	15.4	94.6	215	115	86.1	74.5	220	121	59.8	90.6	1972
1973	33.0	20.0	15.2	13.9	105	270	234	99.6	57.9	61.9	88.2	74.7	89.9	1973
1974	44.8	29.8	21.2	16.7	26.9	302	241	70.9	110	99.7	66.6	48.1	90.0	1974
1975	35.0	25.9	19.3	15.2	70.6	175	136	210	163	78.8	64.4	39.7	86.4	1975
1976	26.6	21.7	19.4	20.1	123	181	124	81.0	61.1	40.6	30.5	23.7	62.8	1976
1977	19.3	16.5	14.6	25.0	73.5	93.9	39.3	25.2	49.6	59.4	57.7	42.4	43.1	1977
1978	31.1	25.1	22.2	24.5	214	198	167	130	103	83.9	86.9	48.1	91.1	1978
1979	34.8	24.6	19.1	30.7	104	116	63.5	89.5	87.0	82.9	79.9	61.8	66.3	1979
1980	43.0	29.5	25.0	67.4	205	100	75.7	60.5	66.5	192	105	57.4	86.0	1980
1981	40.1	31.6	24.0	18.7	70.9	180	109	43.7	36.5	96.8	108	83.3	70.5	1981
1982	55.8	36.2	26.0	19.9	175	247	209	125	117	113	114	68.9	109	1982
1983	45.2	30.4	24.5	23.2	39.1	122	79.6	50.0	36.9	71.9	88.7	73.5	56.3	1983
1984	62.1	42.7	26.2	23.8	156	115	90.8	47.5	29.8	36.8	54.8	60.6	62.5	1984
1985	48.8	33.6	23.5	20.2	361	379	278	120	96.7	97.4	74.1	52.7	133	1985
1986	37.6	28.2	21.6	20.9	234	157	59.7	49.3	105	140	92.3	60.1	84.1	1986
1987	42.6	29.3	19.7	21.7	135	98.6	67.2	46.9	86.0	93.8	82.9	53.8	65.0	1987
1988	33.6	23.4	18.6	17.2	71.3	150	84.1	48.9	46.2	81.1	70.1	48.4	57.8	1988
1989	37.0	26.5	18.5	12.3	33.5	122	81.4	39.5	32.6	63.6	81.9	58.4	50.7	1989
1990	38.9	26.9	19.4	15.5	68.5	136	55.7	24.2	13.7	11.9	15.4	21.4	37.3	1990
MEAN	39.5	28.0	20.9	21.2	119	176	119	80.2	75.9	104	89.0	57.5	77.8	MEAN

LOCATION - LAT 53 43 00 N
LONG 087 56 40 W
DRAINAGE AREA, 7 950 km²
NATURAL FLOW

ASHEWEIG RIVER AT STRAIGHT LAKE - STATION NO. 04DB001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1967	---	362 ON JUN 14	12.2 ON MAY 12	1 730 000	1967
1968	---	218 ON NOV 05	10.6 ON APR 11 *	1 250 000	1968
1969	374 AT 16:00 EST ON OCT 11	371 ON OCT 11	16.7 ON APR 19	1 180 000	1969
1970	278 AT 22:05 EST ON JUN 03	277 ON JUN 04	19.0B ON APR 12	1 090 000	1970
1971	450 AT 15:41 EST ON MAY 25	447 ON MAY 24	29.2B ON APR 21	1 410 000	1971
1972	265 AT 22:25 EST ON OCT 19	260 ON OCT 15	14.3B ON APR 15	1 870 000	1972
1973	382 AT 21:40 EST ON JUN 02	382 ON JUN 02	13.4B ON APR 17	1 840 000	1973
1974	430 AT 03:12 EST ON JUN 27	428 ON JUN 26	15.7 ON MAY 04	1 840 000	1974
1975	268 AT 09:52 EST ON AUG 27	267 ON AUG 27	14.3B ON APR 20	2 730 000	1975
1976	---	238E ON MAY 27	10.1B ON APR 13	1 990 000	1976
1977	---	151E ON MAY 31	13.8B ON MAR 27	1 360 000	1977
1978	---	294E ON MAY 28	14.1B ON APR 12	2 940 000	1978
1979	144 AT 14:00 EST ON JUN 03	143 ON JUN 05	17.5B ON APR 08	2 090 000	1979
1980	---	252E ON MAY 07	24.0B ON MAR 23	2 720 000	1980
1981	194 AT 17:49 EST ON JUN 04	191 ON JUN 07	17.6B ON APR 22	2 220 000	1981
1982	335 AT 14:50 EST ON MAY 25	331 ON MAY 25	18.2 ON APR 24	3 450 000	1982
1983	145 AT 09:01 EST ON JUN 08	145 ON JUN 08	15.0B ON APR 24	1 790 000	1983
1984	210 AT 17:06 EST ON MAY 15	208 ON MAY 15	19.4 ON APR 16	1 980 000	1984
1985	564 AT 15:56 EST ON MAY 21 *	558 ON MAY 21 *	17.1 ON APR 21	4 180 000	1985
1986	362 AT 15:00 EST ON MAY 23	361 ON MAY 23	17.5B ON APR 13	2 650 000	1986
1987	176 AT 12:30 EST ON MAY 17	174 ON MAY 17	17.0B ON APR 05	2 050 000	1987
1988	168 AT 18:40 EST ON JUN 10	167 ON JUN 10	17.0E ON APR 08	1 830 000	1988
1989	143 AT 12:08 EST ON JUN 10	140 ON JUN 10	11.2 ON APR 29	1 600 000	1989
1990	181 AT 16:49 EST ON JUN 04	180 ON JUN 04	11.8 ON OCT 01	1 180 000	1990
				2 460 000	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

ATIKOKAN RIVER AT ATIKOKAN - STATION NO. 05PB018

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1979	3.51	3.40	3.59	---	---	---	---	3.34	3.00	2.68	3.11	3.05	---	1979
1980	2.99	---	2.97	3.71	3.21	2.98	3.07	2.80	4.06	3.69	3.62	3.89	---	1980
1981	---	---	---	---	5.61	4.91	2.94	1.60	0.938	1.24	0.978	0.818	---	1981
1982	---	---	1.22	---	---	---	---	5.47	2.32	4.76	---	6.25	---	1982
1983	4.40	2.79	2.12	3.08	3.28	---	---	---	2.59	3.32	2.45	1.96	---	1983
1984	1.93	1.56	1.48	5.13	5.19	5.05	3.67	2.49	1.69	1.45	1.60	1.52	2.71	1984
1985	1.42	1.35	1.46	4.04	6.60	6.79	7.13	5.13	5.54	9.69	5.42	3.00	4.82	1985
1986	2.29	1.81	1.65	5.46	10.1	5.52	3.92	5.47	1.75	1.79	1.56 R	1.56 R	3.30 R	1986
1987	1.53	1.40	1.38	1.34	1.23	0.960	0.816	2.47	1.05	1.47	1.40	1.13 R	1.42 R	1987
1988	0.986	0.930	1.19	2.75	2.78	1.67	1.31	2.69	0.66	4.27	3.16	3.28	3.15	1988
1989	2.74	2.14	1.84	5.11	6.49	5.61	4.35	2.78	2.40	1.89	1.53	1.10	3.17	1989
1990	1.03	1.05	1.72	4.16	8.24	6.75	4.82	2.75	1.82	1.74	1.31	1.31	3.07	1990
MEAN	2.26	1.83	1.89	3.86	5.27	4.47	3.56	3.42	3.05	3.18	2.38 R	2.41 R	3.09 R	MEAN

LOCATION - LAT 48 45 07 N
LONG 091 35 02 W
DRAINAGE AREA, 332 km²
NATURAL FLOW

R - REVISED SINCE JAN 01 1989

ATIKOKAN RIVER AT ATIKOKAN - STATION NO. 05PB018

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1979	---	---	2.53 ON OCT 19	---	1979
1980	7.70 AT 17:00 CST ON SEP 13	5.74 ON SEP 14	2.49 ON JUN 27	---	1980
1981	---	---	---	---	1981
1982	---	---	---	---	1982
1983	---	---	---	---	1983
1984	---	9.24 ON APR 13	1.22 ON OCT 15	85 800	1984
1985	---	15.1 ON JUN 28	1.34 B ON FEB 16	152 000	1985
1986	15.1 AT 05:44 CST ON MAY 06	14.6 ON MAY 06	1.41 B ON NOV 16	104 000	1986
1987	4.27 AT 15:21 CST ON AUG 17	4.18 ON AUG 17	0.470 ON JUL 06 *	44 800	1987
1988	16.4 AT 00:00 CST ON AUG 15 *	15.7 ON AUG 15 *	0.922B ON FEB 26	99 500	1988
1989	10.9 AT 03:20 CST ON APR 26	10.7 ON APR 26	1.03 B ON DEC 29	99 900	1989
1990	13.6 E AT 07:44 CST ON APR 29	13.0 ON APR 29	1.03 E ON JAN 01	96 800	1990
				97 500	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

ATTAWAPISKAT RIVER BELOW ATTAWAPISKAT LAKE - STATION NO. 04FB001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1965	---	---	---	---	---	---	---	---	---	---	404	220	---	1965
1966	127	84.2	62.2	60.5	691	1 190	721	250	168	165	174	117	318	1966
1967	76.1	54.3	49.7	65.2	457	892	282	221	115	82.2	121	107	210	1967
1968	81.8	57.2	44.2	76.9	496	676	595	457	416	396	514	178	333	1968
1969	112	97.0	82.4	105	696	728	915	346	386	664	358	186	392	1969
1970	118	95.0	64.8	57.4	452	502	369	413	480	644	405	179	315	1970
1971	105	75.9	59.6	76.4	927	468	248	540	188	332	457	275	315	1971
1972	151	93.4	67.2	71.7	540	465	294	368	206	419	306	178	264	1972
1973	111	77.9	61.0	64.5	553	398	307	262	272	599	261	172	242	1973
1974	110	77.7	62.8	58.0	478	1 340	527	310	680	377	230	148	386	1974
1975	97.9	72.4	58.3	59.6	590	509	420	604	299	180	175	114	267	1975
1976	79.3	63.0	53.3	96.9	261	270	213	138	127	160	117	77.6	138	1976
1977	54.5	41.3	34.9	75.7	245	312	383	291	379	278	182	139	202	1977
1978	110	83.7	50.4	53.5	581	594	313	344	487	335	282	159	284	1978
1979	97.9	70.4	53.4	81.6	560	476	364	425	681	507	474	238	337	1979
1980	146	96.0	60.5	99.6	418	193	124	108	134	349	244	127	175	1980
1981	79.4	55.7	45.6	57.4	451	353	189	92.8	---	---	---	---	---	1981
1982	81.0	59.2	47.5	83.5	950	740	365	217	284	338	293	148	302	1982
1983	90.4	67.8	56.4	55.4	214	261	403	222	116	123	153	108	162	1983
1984	97.0	81.2	63.0	242	581	423	248	142	82.2	101	177	143	199	1984
1985	102	78.8	62.5	54.4	1 170	750	577	284	368	616	362	180	386	1985
1986	110	79.6	64.8	102	753	341	210	149	100	185	180	108	200	1986
1987	80.7	65.2	52.0	88.9	433	247	185	197	280	194	160	98.9	172	1987
1988	87.5	57.4	44.3	45.3	172	255	210	152	248	381	238	135	167	1988
1989	92.3	64.9	43.7	29.7	311	463	295	199	203	192	129	76.9	176	1989
1990	94 1	39.6	25.2	17.7	298	501	301	141	87.8	143	179	148	162	1990
MEAN	97.3	70.8	55.0	75.2	530	534	369	275	283	309	262	150	254	MEAN

LOCATION - LAT 52 05 15 N
LONG 087 04 42 W
DRAINAGE AREA, 24 200 km^2
NATURAL FLOW

ATTAWAPISKAT RIVER BELOW ATTAWAPISKAT LAKE - STATION NO. 04FB001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1965	---	---	---	---	1965
1966	---	1 260E ON MAY 28	52.9RB ON APR 09	10 000 000	1966
1967	---	1 150E ON JUN 07	49.3B ON MAR 04	6 640 000	1967
1968	753 AT 12:00 EST ON NOV 03	753 ON NOV 03	39.6B ON APR 04	10 500 000	1968
1969	1 120 AT 13:00 EST ON JUL 08	1 120 ON JUL 07	73.6B ON APR 04	12 400 000	1969
1970	736 AT 13:38 EST ON OCT 05	733 ON OCT 03	54.1B ON APR 15	9 940 000	1970
1971	1 240 AT 07:42 EST ON MAY 21	1 240 ON MAY 21	49.3B ON APR 15	9 930 000	1971
1972	844 AT 20:48 EST ON MAY 26	844 ON MAY 26	58.3B ON APR 09	8 350 000	1972
1973	---	835E ON MAY 22	53.5B ON APR 15	7 620 000	1973
1974	1 440 AT 04:06 EST ON JUN 11 *	1 440 ON JUN 10	56.6B ON APR 14	11 500 000	1974
1975	---	827E ON MAY 18	51.0B ON APR 22	8 410 000	1975
1976	---	343 ON JUN 06	49.0B ON APR 09	4 370 000	1976
1977	---	453 ON SEP 21	32.8B ON MAR 26	6 370 000	1977
1978	---	807E ON MAY 19	44.2B ON APR 14	8 970 000	1978
1979	847 AT 14:45 EST ON MAY 26	843 ON MAY 27	46.6B ON APR 13	10 600 000	1979
1980	541 AT 14:19 EST ON MAY 14	539 ON MAY 14	45.9B ON APR 07	5 550 000	1980
1981	---	695E ON MAY 24	42.1B ON APR 04	---	1981
1982	---	1 170E ON MAY 23	40.6B ON APR 07	9 520 000	1982
1983	823 AT 15:16 EST ON JUL 18	620 ON JUL 18	51.8B ON APR 14	5 110 000	1983
1984	---	732E ON MAY 03	57.6B ON MAR 31	6 280 000	1984
1985	---	1 720E ON MAY 15 *	50.3B ON APR 16	12 200 000	1985
1986	923 AT 16:37 EST ON MAY 20	915 ON MAY 20	62.2B ON MAR 23	6 310 000	1986
1987	489 AT 22:56 EST ON MAY 08	487 ON MAY 09	48.5B ON APR 03	5 440 000	1987
1988	442 AT 23:08 EST ON OCT 04	440 ON OCT 04	38.4B ON APR 01	5 280 000	1988
1989	652 AT 14:37 EST ON MAY 29	649 ON MAY 29	27.0B ON APR 24	5 540 000	1989
1990	552 AT 11:10 EST ON JUN 16	551 ON JUN 16	15.2B ON APR 20 *	5 110 000	1990
				8 000 000	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD
R - REVISED SINCE JAN 01 1989

ATTAWAPISKAT RIVER BELOW MUKETEI RIVER - STATION NO. 04FC001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1968	81.8	66.6	62.9	105	787	842	753	618	490	646	812	335	468	1968
1969	198	121	75.7	84.9	1 060	961	1 230	502	637	966	470	249	549	1969
1970	160	115	84.0	66.3	712	742	448	507	811	1 030	568	326	466	1970
1971	188	110	78.4	114	1 810	654	362	804	274	748	499	215	493	1971
1972	135	99.9	80.2	68.3	728	637	365	455	290	648	439	230	345	1972
1973	124	89.1	76.6	92.7	1 000	654	687	484	182	303	252	172	320	1973
1974	118	87.3	70.3	65.5	846	1 770	657	347	855	542	289	193	470	1974
1975	149	122	104	101	645	792	713	1 100	475	300	260	122	409	1975
1976	77.2	60.3	54.0	231	1 510	484	238	141	88.8	104	79.1	42.7	262	1976
1977	50.8	49.7	44.5	326	696	450	508	374	634	390	216	143	326	1977
1978	104	80.1	84.0	55.5	815	849	397	576	775	447	339	101	392	1978
1979	114	84.2	69.0	101	712	664	447	517	835	671	633	288	429	1979
1980	147	92.9	73.4	190	839	332	199	146	189	544	346	146	271	1980
1981	85.4	64.0	58.1	97.1	738	578	305	119	78.7	116	234	134	215	1981
1982	87.2	59.2	45.4	55.9	944	949	499	308	503	584	429	200	393	1982
1983	116	82.4	66.1	65.6	721	429	704	292	144	211	211	160	235	1983
1984	114	80.1	55.4	203	754	691	400	219	114	131	154	137	255	1984
1985	114	89.0	69.7	87.3	1 440	1 130	786	439	553	899	600	263	542	1985
1986	144	88.4	65.6	149	1 090	487	271	165	116	538	257	158	270	1986
1987	97.1	69.1	61.4	180	564	325	276	356	486	305	219	148	260	1987
1988	91.7	57.9	46.1	135	804	357	253	172	340	362	142	120	261	1988
1989	149	93.9	62.3	48.0	597	684	376	223	271	382	242	120	272	1989
1990	78.6	55.5	47.8	54.8	499	691	356	156	101	159	229	180	218	1990
MEAN	119	83.7	65.9	114	846	702	487	378	403	475	354	192	353	MEAN

LOCATION - LAT 53 05 30 N LONG 085 00 30 W DRAINAGE AREA, 36 000 km² NATURAL FLOW

ATTAWAPISKAT RIVER BELOW MUKETEI RIVER - STATION NO. 04FC001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1968	---	1 270 ON OCT 28	62.3B ON MAR 20	14 800 000	1968
1969	2 060 AT 01:00 EST ON MAY 11 *	1 950 ON MAY 11	49.0B ON APR 13	17 300 000	1969
1970	---	1 290E ON OCT 06	60.3B ON APR 22	14 700 000	1970
1971	---	3 110B ON MAY 10 *	63.4B ON APR 10	15 500 000	1971
1972	1 190 AT 04:30 EST ON MAY 24	1 190 ON MAY 24	64.6B ON APR 22	10 900 000	1972
1973	1 600 AT 01:00 EST ON MAY 23	1 560 ON MAY 23	73.3B ON APR 11	10 100 000	1973
1974	---	1 970E ON JUN 10	65.1B ON APR 07	14 800 000	1974
1975	1 360 AT 13:59 EST ON AUG 13	1 350 ON AUG 12	93.4B ON DEC 31	12 900 000	1975
1976	---	4 370B ON MAY 12	43.9B ON DEC 31	8 280 000	1976
1977	---	1 010B ON APR 29	43.3B ON MAR 25 *	10 300 000	1977
1978	---	1 420E ON MAY 29	53.8B ON APR 25	12 400 000	1978
1979	---	1 080E ON MAY 27	59.7B ON APR 10	13 500 000	1979
1980	---	1 100E ON MAY 11	68.0B ON MAR 31	8 580 000	1980
1981	---	1 070E ON MAY 16	52.5B ON APR 06	6 780 000	1981
1982	---	1 600E ON MAY 11	44.7B ON MAR 15	12 400 000	1982
1983	---	850E ON JUL 19	61.5B ON APR 05	7 410 000	1983
1984	894 AT 02:01 EST ON MAY 08	889 ON MAY 08	48.0B ON APR 08	8 060 000	1984
1985	2 020 AT 15:30 EST ON MAY 17	2 010 ON MAY 16	60.0B ON APR 04	17 100 000	1985
1986	1 310 AT 19:00 EST ON MAY 15	1 310 ON MAY 16	62.2B ON MAR 25	8 530 000	1986
1987	864 AT 04:00 EST ON MAY 16	857 ON SEP 04	59.5B ON MAR 19	8 200 000	1987
1988	---	760B ON MAY 04	44.3B ON MAR 27	8 250 000	1988
1989	1 020 AT 05:10 EST ON MAY 28	1 010 ON MAY 28	46.0B ON APR 20	8 570 000	1989
1990	818 AT 15:51 EST ON JUN 06	815 ON JUN 06	46.0B ON MAR 03	6 880 000	1990
				11 100 000	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

AUBINADONG RIVER ABOVE SESABIC CREEK - STATION NO. 02CB003

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1980	---	---	---	---	---	---	---	---	---	15.9	12.4	7.59	---	1980
1981	5.34	5.10	5.82	72.7	33.0	27.5	16.7	3.93	3.06	8.17	9.00	6.26	16.3	1981
1982	5.24	4.04	3.05	24.8	80.6	12.9	6.36	3.11	6.44	25.2	25.5	21.6	16.8	1982
1983	14.4	9.92	11.1	41.7	39.9	63.9	9.13	6.07	7.15	21.2	14.1	11.6	16.6	1983
1984	7.60	7.94	7.37	50.7	32.4	16.6	25.5	9.73	7.63	15.2	12.8	23.3	19.7	1984
1985	11.9	6.73	7.65	66.5	70.6	25.6	8.44	3.84	4.14	9.08	17.1	11.3	20.3	1985
1986	6.03	4.69	6.17	53.7	31.7	19.0	29.0	23.5	19.0	30.2	16.8	10.4	20.9	1986
1987	7.07	5.23	5.40	28.5	19.6	12.9	5.21	2.84	1.65	4.54	6.48	8.05	8.87	1987
1988	6.38	4.75	4.02	65.3	44.2	10.7	3.86	11.2	10.4	21.8	60.0	27.6	22.5	1988
1989	11.6	6.97	6.69	34.8	70.3	33.8	8.84	4.10	3.71	3.14	10.9	6.20	16.7	1989
1990	4.81	4.13	16.2	41.0	72.1	26.2	19.2	5.60	3.58	13.2	17.3	16.3	20.1	1990
MEAN	8.32	5.79	7.75	47.9	53.2	25.0	13.2	7.39	6.68	15.2	20.3	13.7	18.8	MEAN

LOCATION - LAT 46 58 07 N LONG 083 25 00 W DRAINAGE AREA, 1 440 km² NATURAL FLOW

AUBINADONG RIVER ABOVE SESABIC CREEK - STATION NO. 02CB003

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1980	---	---	---	---	1980
1981	123 AT 23:01 EST ON APR 05	119 ON APR 05	2.70 ON SEP 25	516 000	1981
1982	116 AT 06:21 EST ON MAY 03	110 ON MAY 03	2.64 ON AUG 21	529 000	1982
1983	243 AT 14:54 EST ON MAY 31	232 ON MAY 31	3.08 ON SEP 05	828 000	1983
1984	104 AT 15:09 EST ON APR 17	103 ON APR 17	4.49 ON SEP 23	623 000	1984
1985	261 AT 06:30 EST ON APR 25 *	257 ON APR 25 *	2.63 ON SEP 02	639 000	1985
1986	100 AT 13:42 EST ON APR 21	99.0 ON APR 21	3.70B ON MAR 08	660 000	1986
1987	45.2 AT 09:39 EST ON APR 17	45.0 ON APR 17	1.37 ON SEP 27 *	280 000	1987
1988	---	117 B ON APR 08	2.46 ON AUG 01	710 000	1988
1989	124 AT 00:27 EST ON MAY 07	122 ON MAY 07	2.54 ON OCT 19	528 000	1989
1990	139 AT 02:16 EST ON MAY 12	133 ON MAY 12	2.84 ON SEP 11	633 000	1990
	B - ICE CONDITIONS	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		595 000	MEAN

AUSABLE RIVER NEAR ARKONA - STATION NO. 02FF001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1915	---	---	---	---	---	---	---	---	---	---	7.70	14.9	---	1915
1916	53.7	10.5	27.6	28.3	29.2	11.9	1.20	0.945	0.660	1.06	1.04	2.03	14.1	1916
1917	3.19	2.01	37.9	21.8	18.0	11.4	17.9	1.54	0.864	---	---	---	---	1917
MEAN	28.4	6.26	32.7	25.0	23.6	11.7	9.55	1.24	0.762	1.06	4.37	8.47	14.1	MEAN

LOCATION - LAT 43 04 40 N
LONG 081 47 46 W
NATURAL FLOW

DATA CONTRIBUTED BY - ONTARIO HYDRO

AUSABLE RIVER NEAR ARKONA - STATION NO. 02FF001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1915	---	---	---	---	1915
1916	---	225 ON MAR 29 *	0.538 ON SEP 01 *	445 000	1916
1917	---	105 ON MAR 24	---	---	1917
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		445 000	MEAN

AUSABLE RIVER NEAR EXETER - STATION NO. 02FF009

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1984	---	---	---	---	---	---	---	---	0.543	0.132	2.27	2.82	---	1984
1985	1.45	5.56	8.76	3.59	0.398	0.225	0.244	0.164	0.747	1.30	3.60	1.46	2.27	1985
1986	2.45	3.895	6.74	1.55	0.760	0.766	0.310	0.377	5.54	4.21	1.03	1.99	2.21	1986
1987	0.930	0.236	4.12	2.18	0.257	0.052	0.058	0.020	0.029	0.160	2.54	3.94	1.22	1987
1988	1.01	1.12	4.74	1.18	0.526	0.061	0.009	0.015	0.023	1.09	2.86	2.27	1.25	1988
1989	2.35	0.782	2.70	2.02	0.390	0.689	0.027	0.031	0.070	0.114	1.74	0.447	0.947	1989
1990	4.23	3.31	2.68	1.50	0.812	0.316	1.37	0.385	1.21	3.67	3.47	3.64	2.21	1990
MEAN	2.07	1.98	4.96	1.95	0.525	0.352	0.336	0.165	1.17	1.53	2.50	2.37	1.68	MEAN

LOCATION - LAT 43 21 43 N
LONG 081 30 37 W
DRAINAGE AREA, 113 km^2
REGULATED

AUSABLE RIVER NEAR EXETER - STATION NO. 02FF009

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1984	---	---	---	---	1984
1985	---	34.0B ON FEB 24 *	0.009 ON JUN 05	71 500	1985
1986	36.0 AT 16:55 EST ON SEP 11 *	31.6 ON SEP 11	0.017 ON JUN 05	69 600	1986
1987	21.7 AT 07:55 EST ON NOV 26	19.1 ON NOV 26	0.004 ON JUL 27	38 400	1987
1988	20.6 AT 01:01 EST ON MAR 26	16.4 ON MAR 26	0 ON JUL 05 *	39 400	1988
1989	15.7B AT 19:26 EST ON DEC 08	11.3 ON JAN 08	0.005 ON JUL 17	29 900	1989
1990	25.6 AT 10:24 EST ON JUL 09	22.1 ON DEC 30	0.071 ON JUL 13	69 800	1990
	B - ICE CONDITIONS	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		53 100	MEAN

AUSABLE RIVER NEAR SPRINGBANK - STATION NO. 02FF002

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1945	---	---	---	---	---	---	---	---	---	15.2	8.22	7.64	---	1945
1946	---	---	34.1	1.60	1.15	1.47	0.331	0.311	0.179	0.256	0.383	1.76	---	1946
1947	---	---	---	53.0	10.3	22.8	5.17	1.54	3.80	1.06	1.52	14.0	---	1947
1948	2.94	12.7	54.4	9.10	13.8	1.15	1.06	0.641	0.139	0.428	1.45	1.57	8.48	1948
1949	15.4	22.5	21.0	5.19	1.49	0.577	0.500	0.153	0.349	6.95	4.31	38.7	9.74	1949
1950	24.5	8.44	48.1	28.0	1.98	1.05	1.11	2.50	0.741	1.87	22.2	39.4	15.1	1950
1951	33.8	38.5	26.1	10.4	2.81	1.99	1.00	0.345	0.319	0.629	7.55	6.81	11.4	1951
1952	27.2	16.1	27.9	19.9	11.2	1.43	0.566	0.337	0.196	0.167	0.466	1.81	8.43	1952
1953	5.61	4.71	21.4	10.98	8.01	11.2	1.21	1.02	0.507	0.314	0.424	1.11	5.21	1953
1954	2.48	47.7	40.7	20.2	4.15	1.11	0.366	0.273	0.401	27.1	13.3	15.9	14.3	1954
1955	15.6	7.36	37.5	10.2	2.12	0.543	0.186	0.183	0.206	0.733	3.89	6.24	7.10	1955
1956	4.22	6.44	48.0	18.8	32.5	2.36	1.58	6.75	5.20	1.38	1.56	15.8	12.1	1956
1957	10.3	15.4	15.7	12.1	8.80	1.99	2.03	0.498	1.48	1.53	10.8	36.0	9.71	1957
1958	9.72	4.51	23.0	4.63	0.882	0.525	0.916	0.303	0.681	0.425	2.50	1.48	3.81	1958
1959	1.73	10.8	41.8	25.2	7.89	2.12	0.616	0.666	1.07	8.43	21.3	28.8	12.4	1959
1960	13.4	11.7	17.9	49.1	15.5	13.4	1.11	0.330	0.233	0.322	0.538	0.687	10.3	1960
1961	0.245	18.1	12.6	12.7	9.48	1.13	4.43	4.20	0.646	0.415	3.26	4.36	5.88	1961
1962	1.42	3.77	29.4	7.76	2.82	1.03	0.355	0.603	0.303	2.94	15.8	7.50	5.91	1962
1963	4.04	1.07	46.3	0.88	6.74	1.12	0.415	0.256	0.207	0.186	0.403	0.420	5.61	1963
1964	12.0	8.41	19.3	11.0	2.62	0.683	0.369	8.41	1.46	1.33	0.917	9.54	6.36	1964
1965	8.96	25.2	20.5	26.2	2.97	0.695	0.434	0.308	0.269	1.81	8.67	28.9	10.3	1965
1966	5.97	17.1	20.8	11.1	6.04	6.71	0.570	1.06	0.581	0.686	14.5	33.8	10.0	1966
1967	17.4	6.89	34.2	29.0	8.90	10.9	3.08	4.91	1.31	16.8	24.9	23.5	15.2	1967
1968	11.0	36.6	28.1	8.95	3.73	4.02	1.36	0.639	0.852	3.14	10.4	15.2	10.4	1968
1969	23.0	17.3	23.9	22.2	13.0	2.82	1.75	0.566	0.307	0.449	4.90	5.64	9.61	1969
1970	2.42	5.90	27.1	24.7	8.99	1.59	1.30	1.01	0.658	1.07	5.23	16.1	8.01	1970
1971	4.06	15.0	39.8	16.8	2.56	0.990	0.393	0.891	1.08	0.474	0.873	7.95	7.51	1971
1972	6.84	1.94	28.2	22.2	4.86	0.941	1.18	0.330	0.272	3.08	9.51	24.7	8.71	1972
1973	24.3	7.89	45.0	10.3	8.53	2.79	0.936	0.667	0.274	0.407	10.8	12.7	11.3	1973
1974	23.2	13.0	29.9	17.5	23.9	2.96	1.02	0.313	0.239	0.329	3.60	3.31	9.96	1974
1975	18.5	16.2	29.1	31.8	4.08	4.56	0.596	0.972	1.75	0.606	1.76	8.89	9.84	1975
1976	5.69	50.5	49.4	16.7	12.2	1.59	10.6	5.85	4.00	2.86	12.7	4.48	14.6	1976
1977	1.61	2.31	64.8	17.2	5.15	1.71	1.28	0.527	5.53	7.47	12.1	33.2	12.3	1977
1978	4.86	2.99	24.5	42.4	2.35	1.99	0.456	0.325	1.51	4.02	2.10	5.73	6.96	1978
1979	8.35	2.11	44.8	34.7	6.46	1.09	1.47	0.700	0.363	1.28	17.1	19.7	11.6	1979
1980	5.86	2.22	31.4	20.9	6.07	3.77	1.61	0.894	0.640	6.16	2.43	9.09	7.62	1980
1981	1.34	48.2	13.6	11.6	9.11	2.89	0.768	1.11	15.6	21.7	11.9	8.48	11.9	1981
1982	7.73	2.10	50.6	29.4	4.01	5.00	1.05	1.01	2.23	3.36	20.0	37.9	13.7	1982
1983	11.5	16.9	7.70	14.4	17.8	7.03	1.15	3.01	1.65	1.23	5.98	17.9	8.81	1983
1984	1.92	43.2	21.2	12.1	6.51	10.9	2.01	0.609	6.65	1.11	14.6	19.4	11.5	1984
1985	12.8	47.8	55.8	24.0	2.04	2.99	1.32	1.16	6.46	9.76	34.7	13.0	17.4	1985
1986	21.9	6.40	42.6	11.6	5.32	6.24	2.56	1.67	38.0	33.2	6.70	16.5	16.1	1986
1987	7.46	2.03	31.6	17.7	1.98	1.74	0.635	1.12	0.814	2.50	19.1	35.8	10.3	1987
1988	4.68	9.20	28.0	9.05	3.27	0.562	0.441	0.241	0.369	10.7	24.1	13.2	8.64	1988
1989	11.0	6.09	15.8	14.6	2.74	4.45	0.532	0.354	0.777	1.05	12.1	2.82	6.01	1989
1990	33.8	26.3	18.0	12.0	7.90	1.99	7.65	4.52	9.64	28.4	21.8	21.6	16.1	1990
MEAN	11.0	15.6	31.4	18.7	7.26	3.57	1.54	1.43	2.67	5.12	9.45	14.7	10.2	MEAN

LOCATION - LAT 43 04 20 N DRAINAGE AREA, 865 km²
LONG 081 39 35 W NATURAL FLOW

AUSABLE RIVER NEAR SPRINGBANK - STATION NO. 02FF002

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1945	---	---	---	---	1945
1946	---	121 ON MAR 08	0.085 ON AUG 17	---	1946
1947	---	151 ON APR 06 *	0.566 ON OCT 26	---	1947
1948	242 AT 12:00 EST ON MAR 16	218 ON MAR 20	0.028 ON OCT 11 *	268 000	1948
1949	---	140 ON DEC 22	0.085 ON AUG 23	307 000	1949
1950	---	227 ON APR 04	0.170 ON AUG 22	475 000	1950
1951	---	64.8 ON MAR 24	0.255 ON SEP 08	361 000	1951
1952	---	117 ON MAR 11	0.113 ON OCT 12	267 000	1952
1953	---	89.5 ON MAR 04	0.142 ON AUG 30	164 000	1953
1954	416 AT 24:00 EST ON FEB 17 *	317 E ON FEB 17	0.255 ON AUG 18	450 000	1954
1955	---	114 ON MAR 11	0.085 ON AUG 01	224 000	1955
1956	---	289 ON MAR 07	0.283 ON AUG 01	384 000	1956
1957	---	250 ON DEC 21	0.255 ON OCT 15	306 000	1957
1958	---	53.5 ON MAR 01	0.170 ON AUG 04	120 000	1958
1959	---	123 ON DEC 13	0.311 ON AUG 23	191 000	1959
1960	348 AT 09:00 EST ON MAR 31	317 ON MAR 31	0.193 ON AUG 30	325 000	1960
1961	---	108 ON FEB 24	0.227B ON JAN 11	185 000	1961
1962	---	86.1 ON NOV 11	0.235 ON SEP 12	186 000	1962
1963	---	221 ON MAR 27	0.181 ON SEP 11	177 000	1963
1964	---	73.6 ON JAN 26	0.246 ON JUL 25	201 000	1964
1965	230 AT 01:00 EST ON FEB 11	200 ON FEB 11	0.201 ON AUG 25	325 000	1965
1966	262 AT 23:00 EST ON DEC 07	234 ON DEC 08	0.227 ON JUL 24	317 000	1966
1967	207 AT 18:00 EST ON APR 03	143 ON APR 03	0.510 ON SEP 15	479 000	1967
1968	365 AT 20:30 EST ON FEB 02	306 ON FEB 02	0.493 ON AUG 15	329 000	1968
1969	155 B AT 09:00 EST ON JAN 31	137 B ON JAN 31	0.266 ON SEP 21	303 000	1969
1970	147 AT 03:01 EST ON APR 03	120 ON APR 03	0.266 ON SEP 03	253 000	1970
1971	---	119 B ON MAR 16	0.278 ON AUG 09	237 000	1971
1972	197 AT 23:59 EST ON DEC 31	119 ON DEC 31	0.224 ON SEP 21	275 000	1972
1973	243 AT 10:40 EST ON JAN 01	207 ON JAN 01	0.210 ON SEP 13	355 000	1973
1974	233 AT 20:20 EST ON MAR 05	176 ON MAR 05	0.215 ON SEP 18	314 000	1974
1975	218 AT 23:54 EST ON APR 19	193 ON APR 20	0.246 ON AUG 17	310 000	1975
1976	249 B AT 07:03 EST ON MAR 06	243 B ON MAR 06	0.566 ON SEP 08	462 000	1976
1977	328 AT 20:26 EST ON MAR 13	272 ON MAR 14	0.269A ON SEP 12	388 000	1977
1978	166 AT 07:53 EST ON APR 02	155 ON APR 02	0.261A ON AUG 11	283 000	1978
1979	305 AT 15:06 EST ON APR 14	248 ON APR 14	0.274 ON SEP 12	366 000	1979
1980	175 AT 05:50 EST ON MAR 22	159 ON MAR 22	0.372 ON SEP 12	241 000	1980
1981	244 AT 05:13 EST ON FEB 24	223 ON FEB 24	0.339 ON AUG 25	376 000	1981
1982	179 AT 22:37 EST ON MAR 11	159 ON APR 01	0.580 ON JUL 28	431 000	1982
1983	88.1 AT 04:32 EST ON MAY 03	76.5 ON MAY 03	0.416 ON SEP 14	278 000	1983
1984	276 AT 18:09 EST ON FEB 14	226 ON FEB 14	0.437 ON AUG 18	364 000	1984
1985	---	351 B ON FEB 25	0.492E ON AUG 06	549 000	1985
1986	214 AT 11:10 EST ON SEP 13	205 ON SEP 13	0.551 ON AUG 22	509 000	1986
1987	131 AT 10:54 EST ON MAR 09	126 ON MAR 09	0.058E ON AUG 16	324 000	1987
1988	91.9 AT 15:32 EST ON MAR 26	88.4 ON MAR 26	0.089 ON AUG 22	273 000	1988
1989	80.5 AT 18:43 EST ON NOV 16	69.7 ON NOV 16	0.202 ON SEP 06	189 000	1989
1990	---	138 B ON JAN 19	0.810 ON AUG 12	508 000	1990
				322 000	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX)
B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

AUX SABLES RIVER AT MASSEY - STATION NO. 02CE002

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1915	---	---	---	---	---	---	15.3	6.21	8.13	16.1	19.9	17.2	---	1915
1916	10.3	11.2	10.2	69.6	51.8	61.4	27.7	4.71	5.74	20.8	36.1	40.6	29.1	1916
1917	12.0	4.72	6.35	38.7	37.4	68.9	61.6	10.9	6.21	6.96	7.52	---	---	1917
1918	---	---	---	41.5	46.2	44.1	38.0	8.03	6.95	16.6	32.4	23.8	---	1918
1919	13.8	9.09	17.6	---	41.6	35.1	10.3	6.47	15.5	31.8	34.7	26.3	---	1919
1920	12.3	9.00	---	---	30.5	24.9	31.5	6.96	5.65	4.86	6.58	14.3	---	1920
1921	10.8	6.36	22.8	52.0	25.6	28.2	9.31	6.26	5.57	16.5	12.0	22.2	18.5	1921
1922	12.6	9.37	13.2	71.7	43.8	23.8	26.1	8.80	6.01	8.73	11.0	8.64	20.3	1922
1923	6.09	5.38	4.76	33.6	61.4	24.4	23.0	5.70	6.18	4.51	4.65	5.84	15.2	1923
1924	5.07	3.37	4.22	40.6	24.5	12.6	30.0	11.5	6.20	4.89	12.6	9.93	13.8	1924
1925	5.29	5.52	11.7	48.1	21.7	15.5	8.88	5.37	5.33	7.28	19.0	19.1	14.4	1925
1926	10.0	6.91	8.86	20.4	37.1	28.8	15.4	9.45	6.92	8.92	18.2	23.5	17.6	1926
1927	11.7	11.2	35.7	50.2	36.5	23.3	12.8	7.03	4.78	12.0	14.1	17.1	19.9	1927
1928	13.8	8.44	9.21	78.9	78.8	25.3	16.5	13.0	16.8	56.4	36.4	17.4	31.0	1928
1929	11.8	9.23	18.5	68.4	49.4	24.3	22.0	10.3	6.59	10.1	17.4	9.20	21.6	1929
1930	7.53	7.50	10.4	41.4	38.3	53.1	49.4	12.3	8.31	6.90	7.45	6.46	20.8	1930
1931	4.02	3.65	3.62	34.2	31.8	17.5	8.67	5.14	7.45	14.7	33.7	28.9	16.1	1931
1932	22.5	16.3	11.9	44.4	31.3	13.3	6.16	4.09	3.75	11.4	24.7	20.4	17.5	1932
1933	14.4	10.2	7.62	67.5	47.4	21.5	9.86	4.21	3.48	5.85	8.77	7.48	17.2	1933
1934	8.69	9.06	5.84	51.7	35.2	18.9	7.06	3.94	4.84	8.78	41.6	42.5	21.5	1934
1935	12.9	8.38	9.85	38.4	22.5	14.6	7.22	3.48	2.81	3.39	9.23	8.98	11.8	1935
1936	4.70	3.99	7.93	44.2	61.2	17.2	6.62	3.50	3.68	5.59	9.11	6.94	14.6	1936
1937	18.8	12.3	14.0	57.5	41.5	12.3	7.48	10.5	9.77	26.1	27.5	16.4	21.2	1937
1938	9.57	8.04	30.1	88.5	41.6	17.0	7.76	4.46	4.65	5.27	9.68	17.2	20.2	1938
1939	12.2	7.59	7.22	48.0	56.2	38.0	14.1	6.50	5.13	6.21	12.8	8.03	18.5	1939
1940	5.66	4.67	3.43	18.9	35.9	35.5	14.9	10.6	9.61	5.94	18.9	12.7	14.7	1940
1941	8.50	6.37	5.25	47.7	35.4	12.7	7.54	6.13	6.97	32.4	38.9	26.6	19.6	1941
1942	15.3	9.78	8.48	55.8	32.5	16.4	8.00	4.68	6.37	12.9	31.8	13.0	17.8	1942
1943	7.55	7.05	7.42	30.7	61.0	64.3	19.2	8.34	9.01	6.23	14.9	8.18	22.0	1943
1944	5.80	5.24	5.41	39.7	44.9	14.8	7.20	4.60	6.11	8.95	15.2	9.50	13.9	1944
1945	7.16	5.21	29.3	49.2	41.2	37.7	13.0	5.17	6.01	13.3	37.3	13.6	21.5	1945
1946	13.6	8.89	40.7	30.3	26.0	17.7	9.97	6.34	6.94	5.93	20.8	24.2	17.7	1946
1947	13.8	9.71	7.11	48.5	42.2	40.3	22.7	8.97	7.77	6.96	7.87	7.09	20.4	1947
1948	5.61	4.33	7.16	59.1	32.4	11.2	5.10	4.56	2.63	4.36	8.22	13.0	13.0	1948
1949	11.4	9.17	14.1	48.2	36.0	23.1	13.1	5.34	3.42	3.32	4.35	6.29	14.8	1949
1950	14.6	11.1	11.9	51.7	75.0	25.8	10.2	6.26	3.33	3.58	5.04	9.22	19.0	1950
1951	6.31	5.75	9.81	95.6	40.0	15.6	12.5	7.08	7.88	32.7	37.8	24.2	24.7	1951
1952	14.0	9.97	8.47	52.4	31.3	13.4	9.08	8.29	8.40	6.20	12.3	23.0	16.1	1952
1953	11.9	11.7	26.6	65.9	40.9	17.9	9.90	5.76	4.31	3.45	5.90	7.88	17.6	1953
1954	5.97	6.35	8.38	62.6	51.8	22.9	10.9	5.75	5.80	31.4	21.7	12.4	20.5	1954
1955	9.15	7.86	8.88	52.1	22.1	8.99	4.03	2.59	2.82	6.21	14.3	10.6	12.4	1955
1956	7.14	5.27	4.74	30.9	41.4	18.6	13.7	7.67	7.42	8.44	12.8	11.0	14.1	1956
1957	8.27	6.80	11.4	44.6	38.7	19.9	24.8	9.12	6.29	5.86	20.7	22.9	18.9	1957
1958	13.7	8.03	6.66	41.6	41.8	9.39	12.5	4.89	3.77	6.91	15.5	11.3	11.2	1958
1959	7.23	5.38	5.75	51.1	44.2	14.1	8.74	4.22	4.08	16.7	23.2	14.3	16.6	1959
1960	10.4	6.58	4.64	63.8	86.6	24.4	19.4	9.72	9.46	9.67	21.2	11.9	23.2	1960
1961	6.90	3.85	3.91	18.8	54.4	17.2	18.9	12.5	16.1	15.7	21.1	18.8	14.9	1961
1962	10.6	7.40	7.59	32.6	81.4	15.1	6.47	4.10	4.62	5.73	7.17	7.82	12.4	1962
1963	5.42	4.50	5.26	46.6	20.3	11.4	5.86	4.42	3.64	3.25	6.12	9.39	10.1	1963
1964	4.75	4.33	4.24	50.1	50.2	14.8	6.95	5.10	12.5	17.1	16.8	17.5	17.0	1964
1965	11.5	7.90	7.63	42.5	66.8	17.4	7.79	16.9	27.9	39.1	33.2	22.5	25.2	1965
1966	14.3	11.3	23.2	58.3	49.2	19.7	8.59	7.07	4.74	24.9	38.1	40.3	23.5	1966
1967	15.0	7.51	7.31	76.1	73.9	21.8	9.41	10.0	5.48	8.60	29.1	20.3	23.6	1967
1968	7.47	4.42	9.16	54.5	28.2	15.7	10.6	8.26	24.5	20.5	14.6	16.5	17.8	1968
1969	12.5	11.1	9.95	56.4	35.0	28.8	28.0	10.1	4.94	14.6	31.9	14.5	21.5	1969
1970	6.91	4.19	4.15	35.0	40.0	71.7	18.1	10.7	18.0	27.1	32.8	23.9	24.4	1970
1971	6.22	4.72	10.2	51.0	28.8	21.1	7.59	5.89	4.76	5.59	9.54	22.6	16.9	1971
1972	10.2	6.77	5.59	44.7	76.8	24.5	8.29	10.7	17.1	15.9	17.3	11.5	19.6	1972
1973	9.39	8.25	28.2	37.0	44.6	20.5	11.1	18.3	8.29	7.60	8.88	10.4	17.9	1973
1974	7.46	7.04	6.99	37.5	37.7	22.5	8.56	5.22	3.95	5.29	18.2	10.9	14.3	1974
1975	10.5	7.26	6.12	38.7	55.6	27.7	9.43	4.11	3.81	4.19	8.45	16.3	16.0	1975
1976	6.84	5.70	9.35	70.9	37.8	12.8	6.37	5.49	3.71	3.66	3.89	4.85	14.4	1976
1977	3.06	3.22	16.5	58.8	19.5	8.03	5.77	4.12	7.58	22.5	42.0	22.9	17.9	1977
1978	11.1	7.78	6.49	23.0	24.2	15.1	7.72	6.30	12.1	36.6	19.1	27.8	17.9	1978
1979	9.47	7.24	26.0	86.5	54.4	26.7	22.2	11.8	8.98	20.2	42.3	27.4	28.6	1979
1980	18.7	8.58	6.76	47.7	34.3	14.4	9.64	6.36	6.68	10.4	10.6	8.27	15.2	1980
1981	4.82	7.70	14.7	67.6	21.2	20.2	12.8	5.75	4.99	10.1	10.9	10.1	13.9	1981
1982	6.47	4.95	8.44	47.4	48.6	13.4	8.14	4.57	17.8	34.7	30.7	31.7	21.5	1982
1983	21.2	11.9	21.0	53.1	32.6	46.6	7.14	4.91	4.82	13.1	16.1	12.6	22.2	1983
1984	8.28	10.2	11.6	45.5	24.5	15.7	11.5	8.12	17.8	20.5	42.5	28.9	20.4	1984
1985	15.9	9.50	13.2	60.8	46.3	15.0	7.32	6.50	5.22	8.98	23.7	11.4	19.3	1985
1986	6.12	5.54	8.50	48.5	24.8	13.4	10.7	16.8	11.6	18.3	15.2	10.7	15.8	1986
1987	6.87	5.13	11.8	25.4	19.1	8.12	5.57	5.74	4.50	4.55	6.85	14.8	9.05	1987
1988	8.51	7.62	6.74	86.8	47.8	12.2	5.91	3.75	3.49	26.3	62.3	30.1	25.0	1988
1989	15.8	9.02	9.22	47.5	41.6	22.3	8.90	5.21	3.93	3.66	6.37	4.27	14.8	1989
1990	4.30	5.24	20.3	29.3	43.8	23.9	24.1	8.31	4.60	11.8	20.0	19.7	18.0	1990
MEAN	10.1	7.46	11.5	50.1	42.2	23.2	13.8	7.25	7.60	13.3	20.1	16.3	18.4	MEAN

LOCATION - LAT 46 12 54 N DRAINAGE AREA, 1 350 km²
LONG 082 04 14 W REGULATED

REMARKS - MINOR REGULATION AT LOW FLOW BY LOGGING OPERATION

AUX SABLES RIVER AT MASSEY - STATION NO. 02CE002

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1915	---	---	---	---	1915
1916	---	90.3 ON APR 23	3.17 ON SEP 01	921 000	1916
1917	---	85.8 ON APR 25	3.96 ON DEC 30	---	1917
1918	---	71.4 ON MAY 10	---	---	1918
1919	---	---	5.30 ON JUL 26	---	1919
1920	---	---	4.36 ON DEC 12	---	1920
1921	---	88.6 ON MAR 29	4.73 ON SEP 15	585 000	1921
1922	---	112 ON APR 16	4.84 ON OCT 06	641 000	1922
1923	---	163 ON APR 28	4.25 ON OCT 19	490 000	1923
1924	---	76.5 ON APR 08	3.28B ON FEB 13	437 000	1924
1925	---	82.7 ON APR 04	4.28B ON JAN 29	454 000	1925
1926	---	164 ON NOV 16	5.86B ON MAR 01	556 000	1926
1927	---	86.7 ON MAR 20	4.28 ON SEP 25	627 000	1927
1928	---	143 ON APR 08	6.88B ON MAR 01	981 000	1928
1929	---	134 ON APR 08	4.47 ON OCT 11	682 000	1929
1930	---	132 ON JUN 28	4.81 ON NOV 16	656 000	1930
1931	---	79.3 ON NOV 26	3.62B ON MAR 01	508 000	1931
1932	---	98.5 ON APR 12	3.40 ON SEP 18	553 000	1932
1933	---	117 ON APR 19	3.28 ON SEP 05	542 000	1933
1934	---	135 ON NOV 24	3.40 ON SEP 01	678 000	1934
1935	---	57.5 ON APR 12	2.63 ON SEP 28	372 000	1935
1936	---	125 ON MAY 03	2.94 ON SEP 07	461 000	1936
1937	---	89.8 ON OCT 21	2.78 ON JUL 15	668 000	1937
1938	---	210 ON APR 01	2.89 ON OCT 31	636 000	1938
1939	---	113 ON APR 27	3.74 ON SEP 27	584 000	1939
1940	---	62.3 ON JUN 11	3.43B ON MAR 01	465 000	1940
1941	---	83.5 ON APR 21	3.88 ON SEP 09	617 000	1941
1942	---	95.7 ON APR 15	3.11 ON SEP 11	562 000	1942
1943	---	130 ON APR 26	5.15 ON OCT 13	696 000	1943
1944	---	106 ON APR 26	3.43 ON AUG 27	441 000	1944
1945	---	116 ON MAY 29	3.62 ON SEP 09	679 000	1945
1946	---	76.7 ON MAR 20	4.28 ON AUG 09	557 000	1946
1947	---	82.4 ON APR 13	4.98 ON SEP 10	644 000	1947
1948	---	125 ON APR 09	2.12 ON OCT 03 *	414 000	1948
1949	---	64.0 ON JUN 26	2.78 ON OCT 06	467 000	1949
1950	---	108 ON APR 21	2.80 ON SEP 28	600 000	1950
1951	---	191 ON APR 14	4.87 ON SEP 06	780 000	1951
1952	---	102 ON APR 20	3.45 ON NOV 12	510 000	1952
1953	---	80.1 ON APR 11	2.94 ON NOV 07	567 000	1953
1954	---	137 ON APR 29	3.14 ON SEP 18	647 000	1954
1955	---	90.0 ON APR 13	2.15 ON AUG 28	392 000	1955
1956	---	56.1 ON MAY 16	4.28B ON FEB 27	446 000	1956
1957	---	115 ON APR 27	3.85 ON OCT 16	595 000	1957
1958	---	34.8 ON APR 06	3.14 ON SEP 21	353 000	1958
1959	129 AT 10:00 EST ON APR 19	126 ON APR 19	2.97 ON SEP 20	523 000	1959
1960	176 AT 10:00 EST ON MAY 11	174 ON MAY 11	3.74B ON MAR 16	733 000	1960
1961	36.5 AT 19:00 EST ON MAY 19	36.2B ON DEC 06	3.40B ON MAR 20	471 000	1961
1962	96.0 AT 02:00 EST ON MAY 06	94.6 ON MAY 06	3.31 ON AUG 12	423 000	1962
1963	74.8 AT 22:00 EST ON APR 04	72.2 ON APR 05	2.48 ON OCT 27	320 000	1963
1964	97.7 AT 02:00 EST ON APR 19	95.1 ON APR 19	3.94B ON MAR 11	539 000	1964
1965	108 AT 11:30 EST ON MAY 05	108 ON MAY 05	5.83 ON AUG 07	794 000	1965
1966	136 AT 02:00 EST ON APR 23	132 ON APR 23	3.91 ON SEP 28	741 000	1966
1967	258 AT 07:00 EST ON MAY 04	246 ON MAY 04	4.11 ON SEP 20	744 000	1967
1968	75.9 AT 10:00 EST ON APR 06	73.6 ON APR 06	3.77B ON FEB 29	564 000	1968
1969	106 AT 23:00 EST ON APR 17	104 ON APR 17	4.22 ON SEP 23	677 000	1969
1970	278 AT 09:30 EST ON JUN 03 *	268 ON JUN 03 *	3.82B ON MAR 04	769 000	1970
1971	108 AT 17:01 EST ON APR 22	106 ON APR 22	3.85 ON SEP 19	533 000	1971
1972	182 AT 06:52 EST ON MAY 04	180 ON MAY 04	5.30B ON FEB 28	621 000	1972
1973	76.7 AT 10:34 EST ON MAY 04	75.6 ON MAY 04	5.64B ON JAN 19	565 000	1973
1974	93.4 AT 10:30 EST ON APR 23	92.9 ON APR 23	2.67 ON SEP 10	450 000	1974
1975	104 AT 05:08 EST ON APR 25	101 ON APR 25	2.54 ON SEP 05	506 000	1975
1976	116 AT 08:08 EST ON APR 20	115 ON APR 20	3.14E ON DEC 31	455 000	1976
1977	84.7 AT 22:58 EST ON APR 22	83.0R ON APR 23	2.89RA ON JAN 17	563 000	1977
1978	123 AT 17:33 EST ON MAY 15	121 R ON MAY 15	4.60 ON AUG 22	566 000	1978
1979	194 AT 13:35 EST ON APR 28	191 ON APR 28	6.26 ON FEB 21	903 000	1979
1980	103 AT 07:47 EST ON APR 10	99.0 ON APR 10	3.99 ON SEP 12	480 000	1980
1981	165 AT 01:40 EST ON APR 06	158 ON APR 06	3.90B ON FEB 01	501 000	1981
1982	110 AT 03:43 EST ON APR 27	109 ON APR 27	3.71 ON AUG 16	677 000	1982
1983	178 AT 23:57 EST ON APR 15	169 ON APR 16	3.79 ON SEP 15	699 000	1983
1984	107 AT 22:15 EST ON NOV 02	99.3 ON NOV 03	5.76 ON AUG 05	644 000	1984
1985	184 AT 05:17 EST ON APR 26	181 ON APR 26	4.27E ON SEP 22	609 000	1985
1986	66.0 AT 04:43 EST ON APR 10	64.9 ON APR 09	4.80B ON MAR 09	500 000	1986
1987	39.9 AT 00:19 EST ON APR 01	38.6 ON MAR 31	3.09 ON SEP 07	285 000	1987
1988	194 AT 06:31 EST ON APR 08	192 ON APR 08	4.61 ON SEP 11	791 000	1988
1989	73.4 AT 08:24 EST ON APR 29	73.1 ON APR 29	3.27 ON OCT 01	467 000	1989
1990	90.1 AT 08:50 EST ON MAY 19	89.2 ON MAY 19	3.90B ON JAN 03	569 000	1990
				579 000	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX)
B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD
R - REVISED SINCE JAN 01 1989

AVON RIVER BELOW STRATFORD - STATION NO. 02GD018

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1964	---	---	---	---	---	---	---	---	---	0.285	0.392	2.11	---	1964
1965	0.887	4.80	3.34	6.54	0.851	0.438	0.433	0.418	0.415	0.713	1.61	4.40	2.05	1965
1966	0.944	1.58	3.42	1.97	0.628	1.11	0.259	0.477	0.359	0.245	2.01	4.61	1.45	1966
1967	3.16	1.45	5.28	4.74	0.858	2.09	0.955	0.961	0.509	2.45	3.67	4.03	2.52	1967
1968	2.07	5.39	5.82	4.24	0.757	0.623	0.444	0.402	1.51	1.70	2.58	2.16	2.05	1968
1969	3.38	2.44	5.60	5.00	1.84	0.652	0.396	0.298	0.192	0.247	1.26	0.762	1.83	1969
1970	0.548	1.01	2.29	5.88	2.28	0.669	0.999	0.400	0.945	1.68	2.70	2.79	1.85	1970
1971	0.991	1.91	4.08	6.77	0.878	0.534	0.333	0.323	0.253	0.276	0.443	1.19	1.49	1971
1972	1.41	0.493	4.53	7.17	0.873	0.490	0.572	0.341	0.251	0.950	2.48	2.97	1.80	1972
1973	3.08	1.31	8.09	1.96	1.83	0.640	0.400	0.358	0.269	0.421	2.47	3.12	1.94	1973
1974	4.46	1.97	5.97	3.85	4.00	0.721	0.376	0.327	0.278	0.319	1.05	0.447	1.99	1974
1975	2.57	2.49	4.62	6.97	0.862	0.869	0.579	0.607	0.877	0.391	0.900	2.67	2.03	1975
1976	1.20	6.80	8.61	3.27	1.90	0.724	0.649	0.597	0.671	0.841	2.77	0.781	2.38	1976
1977	0.666	0.726	9.21	2.49	0.640	0.555	0.449	0.781	1.84	2.02	1.72	2.34	1.97	1977
1978	1.02	0.532	4.34	12.0	1.60	0.575	0.302	0.298	1.56	1.19	1.12	1.62	2.02	1978
1979	1.84	0.845	9.61	6.10	1.27	0.668	0.390	0.358	0.415	0.740	3.28	4.42	2.51	1979
1980	1.59	0.423	5.45	3.17	1.09	1.02	0.694	0.430	0.573	1.11	0.921	1.94	1.54	1980
1981	0.355	7.10	1.80	1.60	0.770	0.964	0.386	0.642	1.97	3.25	1.91	0.601	1.74	1981
1982	0.738	0.413	6.21	8.41	0.881	1.03	0.563	0.677	1.67	0.743	4.74	6.42	2.71	1982
1983	1.41	2.08	1.40	2.63	1.62	1.38	1.56	1.82	1.17	1.21	2.74	3.55	2.06	1983
1984	0.569	8.55	3.70	1.24	1.43	1.22	0.608	0.479	1.35	0.705	2.11	3.41	2.09	1984
1985	1.43	6.77	10.2	5.03	0.767	0.692	0.698	0.528	0.881	1.31	4.04	1.94	2.83	1985
1986	2.01	0.817	7.62	2.43	1.42	1.12	0.740	0.725	5.57	3.94	1.92	4.21	2.51	1986
1987	1.24	0.565	5.73	2.92	0.876	0.624	0.768	0.445	0.395	0.835	1.34	4.82	1.79	1987
1988	1.14	1.77	5.41	2.31	0.978	0.354	0.373	0.257	0.518	1.47	3.17	1.92	1.65	1988
1989	2.42	1.31	4.22	2.96	1.12	1.94	0.362	0.303	0.329	0.461	2.01	0.432	1.49	1989
1990	3.93	3.89	4.07	1.99	1.54	0.703	1.37	0.871	1.01	3.98	4.15	4.86	2.69	1990
MEAN	1.73	2.59	5.35	4.24	1.38	0.862	0.603	0.547	0.993	1.24	2.20	2.65	2.04	MEAN

LOCATION - LAT 43 20 42 N LONG 081 06 58 W DRAINAGE AREA, 144 km² REGULATED

AVON RIVER BELOW STRATFORD - STATION NO. 02GD018

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1964	---	---	---	---	1964
1965	75.6 AT 22:00 EST ON FEB 10	45.3 ON FEB 10	0.085B ON JAN 06	64 500	1965
1966	49.1 AT 08:30 EST ON DEC 07	44.7 ON DEC 07	0.065 ON OCT 06	45 800	1966
1967	54.1 AT 06:10 EST ON APR 03	35.1 ON APR 03	0.193 ON SEP 17	79 400	1967
1968	64.8 AT 13:45 EST ON FEB 02	52.1 ON FEB 02	0.184 ON JUN 07	65 000	1968
1969	40.2B AT 01:30 EST ON JAN 31	30.3 ON APR 05	0.040 ON SEP 01 *	57 900	1969
1970	41.6 AT 03:12 EST ON MAY 16	26.7 ON APR 09	0.215 ON AUG 23	58 300	1970
1971	34.5 AT 06:20 EST ON APR 02	32.3 ON APR 02	0.113 ON AUG 09	47 000	1971
1972	36.8 AT 17:10 EST ON APR 13	30.0 ON APR 13	0.187 ON JUN 18	57 100	1972
1973	40.8 AT 21:26 EST ON MAR 11	25.4 ON MAR 12	0.099 ON SEP 03	61 200	1973
1974	64.6 AT 05:39 EST ON MAR 05	46.2 ON MAR 05	0.150 ON NOV 11	62 600	1974
1975	88.6 AT 05:56 EST ON APR 19	63.7 ON APR 19	0.252 ON AUG 10	63 900	1975
1976	45.0 AT 18:43 EST ON MAR 05	27.3 ON MAR 20	0.082 ON SEP 06	75 400	1976
1977	68.5 AT 08:14 EST ON MAR 13	60.0 ON MAR 13	0.098 ON AUG 21	62 000	1977
1978	54.7 AT 12:21 EST ON APR 11	45.6 ON APR 11	0.170 ON AUG 13	63 800	1978
1979	87.3 AT 05:42 EST ON APR 14	62.0 ON APR 14	0.190 ON AUG 06	79 000	1979
1980	61.6 AT 14:15 EST ON MAR 21	45.2 ON MAR 21	0.137 ON MAY 30	48 800	1980
1981	---	40.0B ON FEB 19	0.083 ON APR 13	54 900	1981
1982	96.5 AT 00:00 EST ON APR 01 *	66.0B ON MAR 31 *	0.215B ON JAN 01	85 400	1982
1983	52.0 AT 05:24 EST ON JUL 31	19.8 ON JUL 31	0.295 ON JUL 25	54 900	1983
1984	42.9 AT 21:05 EST ON FEB 14	36.6 ON FEB 14	0.173 ON APR 14	66 000	1984
1985	---	52.0B ON FEB 24	0.251 ON AUG 04	88 200	1985
1986	---	38.4E ON MAR 19	0.346 ON AUG 18	79 900	1986
1987	21.0 AT 21:26 EST ON MAR 08	15.1 ON MAR 09	0.154 ON AUG 22	56 500	1987
1988	27.6 AT 00:55 EST ON MAR 26	20.1 ON MAR 26	0.141 ON AUG 21	52 300	1988
1989	23.6 AT 03:26 EST ON MAR 29	18.7 ON MAR 29	0.152 ON JUL 31	46 900	1989
1990	48.4 AT 02:37 EST ON DEC 30	36.6 ON DEC 30	0.149 ON JUN 19	85 000	1990
				64 300	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

BAILEY CREEK NEAR BEETON - STATION NO. 02ED004

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1963	---	---	---	---	---	---	---	---	---	0.316	0.532	0.512	---	1963
1964	0.556	0.512	3.47	1.88	0.712	0.304	0.299	0.319	0.211	0.304	0.319	0.696	0.802	1964
1965	0.502	3.62	1.59	4.75	0.980	0.231	0.190	0.161	0.238	0.540	0.836	0.762	1.18	1965
1966	0.821	0.601	1.49	1.02	1.03	0.683	0.131	0.200	0.235	0.302	0.324	0.709	0.645	1966
1967	0.573	0.392	1.54	2.81	0.944	3.29	3.10	0.656	0.614	1.31	1.61	2.80	1.64	1967
1968	0.686	2.80	7.56	2.13	1.18	0.663	0.358	0.422	0.480	0.519	1.03	1.19	1.58	1968
1969	1.32	1.28	4.29	4.42	2.13	0.808	0.568	0.378	0.263	0.438	0.749	0.481	1.43	1969
1970	0.406	0.597	2.71	5.02	1.14	0.351	0.516	0.367	0.466	0.605	0.941	1.29	1.20	1970
1971	0.589	0.601	1.63	3.52	0.745	0.388	0.365	0.461	0.334	0.476	0.591	0.808	1.03	1971
1972	0.523	0.380	0.944	7.82	1.28	0.881	0.524	0.407	0.279	0.715	1.09	1.07	1.32	1972
1973	2.25	1.28	5.66	3.69	1.82	0.815	0.392	0.610	0.370	0.568	1.19	0.926	1.63	1973
1974	2.11	1.18	7.25	3.99	3.31	0.791	0.846	0.352	0.326	0.371	0.735	0.802	1.85	1974
1975	0.629	3.61	2.57	5.10	1.58	0.415	0.309	0.299	0.396	0.450	0.526	0.552	1.35	1975
1976	0.347	1.63	4.22	2.00	1.54	0.652	0.767	0.679	0.810	1.09	0.857	0.587	1.26	1976
1977	0.370	0.372	2.86	1.77	0.609	0.505	0.448	1.28	1.24	2.81	1.94	1.97	1.36	1977
1978	1.11	0.720	2.88	10.9	---	---	---	---	---	---	---	---	---	1978
MEAN	0.853	1.31	3.38	4.19	1.36	0.770	0.630	0.471	0.447	0.717	0.898	1.01	1.31	MEAN

LOCATION - LAT 44 07 08 N LONG 079 45 43 W DRAINAGE AREA, 207 km² REGULATED DATA CONTRIBUTED BY - ONTARIO MINISTRY OF THE ENVIRONMENT

REMARKS - REGULATION BY PUMPING DURING SUMMER MONTHS

BAILEY CREEK NEAR BEETON - STATION NO. 02ED004

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1963	---	---	---	---	1963
1964	6.34 AT 09:00 EST ON APR 08	6.23RB ON MAR 15	0.142 ON SEP 14	25 400	1964
1965	36.8 AT 09:00 EST ON APR 08	32.0 ON APR 08	0.085 ON AUG 16	37 100	1965
1966	9.17 AT 03:00 EST ON JAN 01	6.60 ON JAN 01	0.003B ON JAN 30 *	20 400	1966
1967	16.8 AT 20:00 EST ON JUN 25	13.1 ON JUN 25	0.278 ON SEP 11	31 800	1967
1968	23.7 B AT 15:30 EST ON MAR 18	21.0 B ON MAR 18	0.212 ON AUG 16	50 100	1968
1969	24.4 AT 02:20 EST ON APR 19	19.4 B ON MAR 21	0.170 ON SEP 15	45 000	1969
1970	16.4 AT 20:07 EST ON APR 09	15.0 ON APR 09	0.144 ON JUN 24	37 800	1970
1971	14.7 B AT 21:58 EST ON APR 02	14.2 B ON APR 03	0.147 ON AUG 09	32 600	1971
1972	43.0 AT 01:31 EST ON APR 14 *	34.5 ON APR 13	0.136 ON AUG 02	41 700	1972
1973	21.0 AT 02:27 EST ON APR 03	19.1 ON APR 03	0.198 ON JUL 25	51 600	1973
1974	---	49.8 B ON MAR 05 *	0.224 ON AUG 20	58 300	1974
1975	38.2 AT 15:08 EST ON APR 19	36.9 B ON FEB 25	0.212 ON AUG 17	42 500	1975
1976	32.6 AT 08:30 EST ON MAR 21	19.7 ON MAR 21	0.272B ON JAN 18	40 000	1976
1977	---	13.6 ON OCT 02	0.204A ON JUL 28	42 700	1977
1978	37.9 AT 16:59 EST ON APR 02	33.7 ON APR 02	---	---	1978
				41 200	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX) B - ICE CONDITIONS * - EXTREME RECORDED FOR THE PERIOD OF RECORD R - REVISED SINCE JAN 01 1989

BASSWOOD RIVER NEAR WINTON - STATION NO. 05PA012

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1924	---	---	7.39	8.16	8.70	14.5	---	---	---	---	---	---	---	1924
1925	---	---	---	---	---	---	---	---	12.2	30.8	19.0	21.6	---	1925
1926	19.1	12.8	12.7	9.82	31.9	33.4	50.5	27.1	22.9	56.7	41.8	37.6	29.9	1926
1927	32.8	31.5	24.5	60.7	177	85.3	65.8	41.4	28.1	19.2	13.0	12.4	49.5	1927
1928	13.3	13.4	14.8	---	---	---	---	---	---	---	---	---	---	1928
1930	14.6	13.2	12.8	16.7	61.2	73.9	89.2	41.8	19.0	12.3	17.2	30.3	33.7	1930
1931	27.2	21.2	14.8	14.2	18.0	69.6	45.1	19.7	13.7	11.3	10.8	15.3	23.4	1931
1932	20.8	22.8	22.1	26.9	82.7	53.5	31.5	23.2	20.6	15.2	14.0	16.1	29.1	1932
1933	17.8	15.7	13.5	16.8	43.1	54.1	26.2	17.0	14.6	14.6	21.3	24.1	23.2	1933
1934	21.8	20.5	22.3	30.5	140	63.0	26.8	13.5	9.41	6.94	5.56	6.07	30.7	1934
1935	8.61	9.92	11.8	24.5	91.1	58.8	52.5	47.3	28.8	21.0	20.1	20.0	33.0	1935
1936	19.7	15.3	14.9	22.4	147	79.8	30.3	12.8	9.33	6.22	5.28	5.40	30.8	1936
1937	6.73	5.48	8.07	18.4	110	87.7	34.4	21.5	16.6	13.0	14.7	17.2	29.7	1937
1938	12.7	11.3	17.0	79.3	170	106	46.7	22.9	13.3	8.63	8.69	9.00	42.3	1938
1939	9.84	10.8	10.9	22.9	106	86.2	52.2	31.2	28.9	24.2	17.8	13.4	34.7	1939
1940	9.96	8.00	7.58	12.0	57.4	105	52.7	20.9	15.9	11.5	11.5	13.6	27.2	1940
1941	12.9	13.2	10.9	44.8	88.8	46.5	25.5	17.3	32.9	86.0	40.3	28.7	37.5	1941
1942	22.0	17.3	14.5	18.9	103	66.4	30.1	19.1	34.9	9.04	9.00	11.5	28.0	1942
1943	13.3	13.0	14.0	24.9	106	151	89.0	28.8	22.7	19.7	19.6	22.8	43.8	1943
1944	22.4	17.2	12.2	13.6	103	171	126	98.8	71.3	35.0	24.3	24.1	60.0	1944
1945	24.8	25.3	31.9	144	83.9	47.8	41.6	29.0	23.0	21.1	20.2	20.2	42.7	1945
1946	19.3	17.9	15.9	75.3	77.6	46.7	40.1	23.6	22.1	125	61.6	43.5	50.9	1946
1947	25.0	26.5	21.9	21.9	138	148	82.7	34.3	44.3	38.5	28.2	25.5	53.9	1947
1948	21.5	18.8	12.9	53.6	188	50.8	27.8	23.3	17.8	8.82	4.24	2.77	39.2	1948
1949	4.02	5.22	6.83	21.6	62.5	55.9	85.3	51.9	24.7	39.3	49.2	39.5	37.4	1949
1950	32.9	25.6	19.6	25.9	258	208	97.7	62.9	35.7	38.5	31.9	30.8	72.6	1950
1951	23.2	16.1	17.3	39.9	152	96.7	60.6	24.9	20.7	46.0	53.7	43.1	49.7	1951
1952	30.6	23.3	15.9	33.8	88.4	36.2	56.3	34.3	63.5	27.6	16.6	17.6	42.1	1952
1953	16.8	15.4	13.2	32.7	74.6	118	58.7	40.3	38.2	31.4	20.8	18.7	41.9	1953
1954	18.0	14.9	15.8	43.9	234	119	68.9	25.9	15.3	9.92	8.54	11.5	49.1	1954
1955	11.9	9.99	11.1	32.4	65.0	46.4	26.7	16.6	12.1	13.7	16.5	21.9	23.8	1955
1956	24.0	17.5	12.0	30.1	137	92.3	38.8	29.4	23.0	17.7	15.3	17.4	37.7	1956
1957	17.8	14.8	13.3	37.7	136	67.3	75.8	32.2	17.1	11.9	11.2	16.1	37.8	1957
1958	16.4	13.5	13.6	13.2	14.5	23.6	17.0	12.5	24.8	28.8	44.1	47.6	18.9	1958
1959	23.8	15.6	10.1	12.1	29.0	55.6	33.1	14.4	29.9	28.9	26.4	20.5	25.0	1959
1960	19.0	14.7	15.6	17.4	110	74.1	26.6	15.2	11.1	7.21	6.50	6.06	27.0	1960
1961	6.33	6.44	10.1	25.2	90.9	58.8	17.7	9.16	26.4	33.6	32.2	29.6	29.0	1961
1962	18.4	15.6	15.0	17.3	76.7	90.3	73.1	54.0	28.8	18.9	10.2	8.25	35.7	1962
1963	8.85	9.07	11.8	29.1	31.9	46.0	34.5	21.8	15.2	12.7	10.4	10.2	20.1	1963
1964	9.29	7.89	11.2	15.6	82.2	90.8	84.7	25.2	23.1	29.7	26.5	17.0	35.3	1964
1965	12.9	11.8	14.4	27.8	137	104	54.0	25.5	22.5	69.1	60.7	46.6	49.1	1965
1966	41.8	34.8	32.4	53.8	197	114	48.3	27.2	18.2	12.6	14.0	13.9	50.8	1966
1967	12.5	11.7	14.9	45.6	107	54.3	42.2	33.4	19.7	44.2	10.0	10.5	31.4	1967
1968	8.38	7.82	9.68	36.0	130	192	115	40.9	30.1	55.6	61.8	36.9	61.4	1968
1969	34.1	28.7	27.4	73.1	183	79.1	37.6	33.5	23.9	23.7	26.9	27.5	50.0	1969
1970	19.8	16.2	15.8	27.5	154	171	67.5	18.8	12.0	32.5	110	63.1	59.2	1970
1971	36.8	23.1	23.1	66.1	148	104	71.8	21.4	12.7	25.9	93.0	62.4	57.3	1971
1972	38.2	26.4	22.2	29.3	151	61.4	28.8	18.2	44.1	33.9	25.7	17.6	43.4	1972
1973	14.4	12.8	14.2	33.4	80.4	65.1	33.6	55.8	69.9	89.3	57.1	36.4	47.7	1973
1974	27.2	17.1	16.1	29.9	132	152	61.2	20.8	20.8	25.6	28.5	27.0	46.2	1974
1975	25.8	28.0	21.1	27.6	125	72.9	47.1	18.1	12.3	11.5	13.0	24.2	35.7	1975
1976	24.9	19.6	19.1	101	121	39.2	37.3	12.5	3.41	1.84	1.70	2.16	32.0	1976
1977	2.44	2.69	3.82	7.62	6.36	20.4	46.0	22.7	108	151	87.3	55.9	43.0	1977
1978	39.4	26.6	15.1	24.1	75.5	118	60.6	43.3	41.0	28.8	15.0	13.7	41.8	1978
1979	11.2	10.3	15.4	40.5	188	111	43.1	20.6	15.7	13.6	15.4	17.7	42.1	1979
1980	18.3	14.5	14.8	22.7	27.0	19.7	14.5	9.15	63.9	69.4	37.6	29.5	28.4	1980
1981	19.8	15.1	17.7	71.8	142	88.9	62.2	28.6	12.0	15.9	30.4	21.0	43.7	1981
1982	17.9	16.1	21.3	21.3	133	84.8	54.4	38.0	23.3	77.1	83.4	71.1	53.7	1982
1983	39.3	29.9	27.4	33.1	70.9	64.8	60.3	28.1	30.3	68.4	56.2	50.0	46.7	1983
1984	36.3	27.0	25.0	39.2	117	89.0	52.1	19.8	8.25	5.11	12.0	14.2	37.2	1984
1985	14.0	13.3	14.1	24.0	90.8	80.7	73.9	33.4	22.3	54.0	39.3	31.5	41.2	1985
1986	40.5	17.2	18.8	45.0	128	59.8	44.4	40.5	41.5	36.9	30.5	31.4	43.1	1986
1987	22.2	17.1	16.4	23.2	24.0	63.4	30.9	81.6	42.9	24.6	19.2	13.7	31.1	1987
1988	14.1	14.2	14.2	23.7	45.1	36.6	17.4	83.7	143	47.0	36.3	44.0	43.4	1988
1989	35.6	27.8	20.0	39.5	124	89.9	55.1	18.9	18.0	14.5	12.3	12.3	39.1	1989
1990	10.7	9.80	15.1	30.4	134	79.2	85.5	29.0	9.20	9.37	20.4	18.5	37.8	1990
MEAN	20.1	16.7	15.9	34.2	105	81.2	51.8	31.5	28.2	31.2	28.3	24.4	39.5	MEAN

LOCATION - LAT 48 04 55 N LONG 091 39 10 W DRAINAGE AREA, 4 510 km² REGULATED INTERNATIONAL GAUGING STATION

BASSWOOD RIVER NEAR WINTON - STATION NO. 05PA012

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)			MAXIMUM DAILY DISCHARGE (m^3/s)		MINIMUM DAILY DISCHARGE (m^3/s)		TOTAL DISCHARGE (dam^3)	YEAR
1924	---			---		---		---	1924
1925	---			---		---		---	1925
1926	---			65.1	ON OCT 08	8.61	ON APR 08	941 000	1926
1927	---			202	ON MAY 12	11.9	ON DEC 12	1 560 000	1927
1928	---			---		---		---	1928
1930	---			108	ON JUL 22	11.0	ON OCT 28	1 060 000	1930
1931	---			90.6	ON JUN 22	9.68	ON NOV 08	737 000	1931
1932	---			100	ON MAY 21	13.5	ON NOV 17	922 000	1932
1933	---			71.9	ON MAY 31	10.7	ON OCT 11	733 000	1933
1934	---			189	ON MAY 18	5.10	ON NOV 16	970 000	1934
1935	---			115	ON MAY 15	7.33E	ON JAN 01	1 040 000	1935
1936	---			188	ON MAY 20	4.59	ON NOV 23	974 000	1936
1937	---			140	ON MAY 18	6.37E	ON JAN 01	938 000	1937
1938	225 E		ON MAY 15	170 E	ON MAY 01	7.36	ON OCT 27	1 330 000	1938
1939	137		ON MAY 21	134	ON MAY 21	9.40	ON JAN 01	1 090 000	1939
1940	---			112	ON JUN 06	7.16	ON MAR 12	859 000	1940
1941	134		ON MAY 06	131	ON MAY 06	9.80	ON APR 02	1 180 000	1941
1942	---			131	ON MAY 25	7.62	ON OCT 28	882 000	1942
1943	---			158	ON JUN 05	12.7	ON JAN 01	1 180 000	1943
1944	---			206	ON JUN 18	10.5	ON APR 08	1 900 000	1944
1945	---			170	ON APR 19	18.6	ON DEC 27	1 350 000	1945
1946	---			170	ON OCT 20	11.8	ON MAR 14	1 600 000	1946
1947	---			176	ON MAY 19	17.4	ON APR 04	1 700 000	1947
1948	---			261	ON MAY 09	2.18	ON DEC 04	1 140 000	1948
1949	---			102	ON JUL 16	2.52	ON JAN 01	1 180 000	1949
1950	442	AT 00:30 CST	ON MAY 24 *	430	ON MAY 24 *	17.1	ON APR 08	2 290 000	1950
1951	---			191	ON MAY 13	14.4	ON FEB 22	1 570 000	1951
1952	108	AT 04:00 CST	ON MAY 08	100	ON MAY 07	14.2	ON MAR 30	1 330 000	1952
1953	134	AT 03:00 CST	ON JUN 13	133	ON JUN 11	12.1	ON MAR 10	1 320 000	1953
1954	289	AT 13:00 CST	ON MAY 15	286	ON MAY 14	7.53	ON NOV 18	1 550 000	1954
1955	77.0	AT 07:30 CST	ON MAY 09	75.9	ON MAY 09	9.23	ON FEB 26	750 000	1955
1956	185	AT 07:00 CST	ON MAY 26	184	ON MAY 26	11.0	ON MAR 22	1 190 000	1956
1957	189	AT 11:00 CST	ON MAY 09	187	ON MAY 08	10.2	ON NOV 01	1 190 000	1957
1958	---			35.7	ON OCT 01	10.8	ON AUG 22	596 000	1958
1959	65.7	AT 07:30 CST	ON JUN 03	64.3	ON JUN 03	9.17	ON MAR 24	787 000	1959
1960	139	AT 22:00 CST	ON MAY 14	136	ON MAY 14	5.97	ON NOV 26	855 000	1960
1961	114	AT 23:30 CST	ON MAY 22	114	ON MAY 23	6.12	ON JAN 01	914 000	1961
1962	127	AT 17:00 CST	ON JUN 01	127	ON JUN 01	7.48	ON DEC 15	1 130 000	1962
1963	52.1	AT 16:00 CST	ON JUN 22	51.5	ON JUN 22	8.35	ON JAN 23	636 000	1963
1964	131	AT 05:00 CST	ON JUL 05	130	ON JUL 04	7.39	ON FEB 20	1 120 000	1964
1965	174	AT 15:50 CST	ON MAY 25	172	ON MAY 25	11.3	ON FEB 09	1 550 000	1965
1966	220	AT 21:30 CST	ON MAY 24	217	ON MAY 20	10.8	ON OCT 24	1 600 000	1966
1967	130	AT 12:30 CST	ON MAY 11	129	ON MAY 10	8.98	ON DEC 31	989 000	1967
1968	256		ON JUN 23	254	ON JUN 23	7.33	ON MAR 04	1 940 000	1968
1969	226	AT 16:00 CST	ON MAY 05	224	ON MAY 05	21.1	ON SEP 20	1 580 000	1969
1970	202		ON JUN 17	200	ON JUN 17	9.63	ON SEP 01	1 870 000	1970
1971	206		ON MAY 04	205	ON MAY 05	10.8	ON SEP 27	1 810 000	1971
1972	205	AT 21:30 CST	ON MAY 17	204	ON MAY 17	13.4	ON DEC 28	1 370 000	1972
1973	---			132	ON OCT 22	11.5	ON MAR 04	1 510 000	1973
1974	175	AT 04:00 CST	ON JUN 18	174	ON JUN 17	15.1	ON MAR 09	1 460 000	1974
1975	156	AT 15:30 CST	ON MAY 14	156	ON MAY 14	10.8	ON OCT 23	1 120 000	1975
1976	224	AT 19:00 CST	ON APR 30	222	ON APR 30	1.64	ON NOV 03 *	1 010 000	1976
1977	158	AT 22:30 CST	ON OCT 20	157	ON OCT 20	2.35	ON JAN 01	1 360 000	1977
1978	151	AT 04:00 CST	ON JUN 10	151	ON JUN 10	12.5	ON DEC 28	1 320 000	1978
1979	206	AT 06:30 CST	ON MAY 20	206	ON MAY 20	9.74	ON FEB 11	1 330 000	1979
1980	110	AT 16:30 CST	ON SEP 30	110	ON SEP 30	8.21	ON AUG 28	898 000	1980
1981	194	AT 06:00 CST	ON MAY 07	193	ON MAY 07	6.41	ON SEP 29	1 380 000	1981
1982	182	AT 18:00 CST	ON MAY 22	181	ON MAY 21	14.6	ON APR 13	1 700 000	1982
1983	---			86.1	ON OCT 24	19.4	ON SEP 07	1 470 000	1983
1984	---			142	ON MAY 17	5.35	ON OCT 12	1 180 000	1984
1985	101		ON MAY 19	100	ON MAY 20	13.3	ON JAN 31	1 300 000	1985
1986	145		ON MAY 13	144	ON MAY 13	15.3	ON FEB 17	1 360 000	1986
1987	96.8	AT 00:30 CST	ON AUG 06	96.0	ON AUG 06	12.7	ON MAY 14	987 000	1987
1988	227	AT 09:50 CST	ON SEP 02	226	ON SEP 02	11.5	ON AUG 01	1 370 000	1988
1989	151	AT 16:00 CST	ON MAY 11	149	ON MAY 12	11.6	ON DEC 31	1 230 000	1989
1990	176	AT 15:00 CST	ON MAY 11	175	ON MAY 11	6.48	ON OCT 02	1 190 000	1990
		E - ESTIMATED		* - EXTREME RECORDED FOR THE PERIOD OF RECORD				1 250 000	MEAN

BATCHAWANA RIVER NEAR BATCHAWANA - STATION NO. 02BF001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1967	---	---	---	---	---	---	---	---	---	---	20.6	11.7	---	1967
1968	7.73	5.13	11.1	111	29.8	33.8	9.43	11.9	24.0	40.0	17.6	12.0	26.0	1968
1969	9.54	9.29	6.35	69.0	46.7	12.1	8.20	4.93	5.06	25.4	20.2	10.1	18.9	1969
1970	4.80	3.76	3.84	34.2	52.3	31.8	27.9	9.97	18.4	20.4	17.8	18.6	20.4	1970
1971	7.58	6.32	12.1	57.7	83.0	18.5	6.45	5.28	7.09	20.1	31.9	21.1	23.2	1971
1972	9.02	6.15	6.23	35.1	104	19.8	8.94	36.2	18.1	23.4	17.8	9.72	24.6	1972
1973	11.1	7.89	44.0	72.7	44.1	12.0	10.2	26.5	10.9	22.2	17.9	10.7	23.4	1973
1974	6.03	4.92	5.84	70.5	60.7	30.1	7.94	7.23	18.4	20.2	31.6	12.4	23.0	1974
1975	14.4	6.62	5.89	43.3	93.6	32.3	6.47	2.59	5.15	5.57	20.2	12.3	20.8	1975
1976	6.59	5.17	21.4	107	29.0	13.7	5.18	2.14	1.83	2.85	3.67	2.72	16.7	1976
1977	1.91	1.98	35.3	121	21.0	6.06	12.4	6.37	17.5	27.7	49.1	14.2	26.1	1977
1978	7.28	5.06	4.37	24.3	73.6	30.3	11.2	12.4	19.2	29.1	13.3	9.83	20.0	1978
1979	6.59	4.92	18.4	115	68.2	29.4	10.9	8.34	8.82	39.6	39.9	17.4	30.6	1979
1980	13.6	7.04	4.98	71.6	25.7	24.8	11.1	7.27	20.9	20.1	14.8	8.84	19.1	1980
1981	6.39	8.11	13.6	107	34.3	32.3	9.94	4.58	2.63	10.5	12.1	6.68	20.5	1981
1982	5.24	3.97	5.48	54.2	89.4	10.6	6.16	3.34	16.0	47.2	34.7	22.8	25.0	1982
1983	15.5	8.38	20.1	55.8	70.5	39.3	8.13	5.92	13.3	36.6	25.9	15.1	26.2	1983
1984	9.30	10.5	9.32	75.1	33.4	10.9	15.2	6.51	19.7	27.6	42.7	23.7	23.6	1984
1985	11.0	5.95	7.79	106	54.5	22.4	8.83	5.19	15.7	33.5	28.3	12.3	25.9	1985
1986	6.81	5.42	9.11	100	29.0	17.7	25.5	25.8	29.5	41.6	20.1	11.5	26.8	1986
1987	7.88	5.59	12.8	45.2	18.4	9.50	6.56	6.75	7.27	19.5	22.7	19.5	15.1	1987
1988	9.55	6.87	7.39	110	50.1	7.36	2.75	32.7	23.6	35.2	78.9	26.4	32.4	1988
1989	11.3	6.95	5.71	60.0	87.8	30.2	5.84	3.50	3.81	3.63	21.8	7.90	20.7	1989
1990	6.43	5.13	35.1	67.4	61.5	21.7	13.3	4.43	5.11	33.5	26.7	15.8	24.8	1990
MEAN	8.49	6.14	13.3	74.5	54.8	21.6	10.4	10.4	13.6	25.0	26.3	13.9	23.2	MEAN

LOCATION - LAT 46 59 36 N LONG 084 31 31 W DRAINAGE AREA, 1 190 km² NATURAL FLOW

BATCHAWANA RIVER NEAR BATCHAWANA - STATION NO. 02BF001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1967	---	---	---	---	1967
1968	---	223 ON APR 15	3.94B ON MAR 14	822 000	1968
1969	136 AT 20:00 EST ON APR 17	134 ON APR 17	3.45 ON AUG 25	596 000	1969
1970	130 AT 19:03 EST ON JUN 01	126 ON JUN 02	3.45B ON MAR 01	643 000	1970
1971	151 AT 21:08 EST ON APR 21	145 ON APR 22	4.13 ON AUG 09	731 000	1971
1972	233 AT 11:29 EST ON MAY 03	220 ON MAY 03	5.58B ON MAR 04	779 000	1972
1973	154 AT 13:24 EST ON APR 17	150 ON APR 17	4.87 ON JUL 24	738 000	1973
1974	250 AT 18:30 EST ON APR 29	238 ON APR 30	4.62B ON FEB 19	725 000	1974
1975	272 AT 17:30 EST ON MAY 01	254 ON MAY 02	1.80 ON SEP 03	657 000	1975
1976	264 AT 01:35 EST ON APR 19	256 ON APR 19	1.33 ON SEP 02 *	527 000	1976
1977	283 AT 20:40 EST ON APR 21 *	266 ON APR 22	1.87B ON JAN 14	824 000	1977
1978	175 AT 22:31 EST ON MAY 13	166 ON MAY 14	4.22B ON MAR 20	631 000	1978
1979	---	430 E ON APR 26	4.42B ON FEB 21	965 000	1979
1980	136 AT 06:10 EST ON APR 23	133 ON APR 23	4.45 ON AUG 31	605 000	1980
1981	223 AT 05:20 EST ON APR 05	219 ON APR 05	2.03 ON SEP 25	648 000	1981
1982	248 AT 21:01 EST ON MAY 02	237 ON MAY 03	2.26 ON AUG 21	790 000	1982
1983	155 AT 08:38 EST ON MAY 25	150 ON MAY 25	2.17 ON SEP 04	827 000	1983
1984	175 AT 21:47 EST ON APR 16	167 ON APR 16	4.09 ON AUG 21	746 000	1984
1985	---	431 E ON APR 25 *	4.13 ON AUG 23	817 000	1985
1986	181 AT 23:00 EST ON APR 20	173 ON APR 21	4.60B ON MAR 06	846 000	1986
1987	93.8 AT 00:01 EST ON APR 13	89.2 ON APR 13	2.36 ON AUG 14	477 000	1987
1988	192 AT 23:50 EST ON APR 08	189 ON APR 08	1.71 ON AUG 02	1 030 000	1988
1989	196 AT 20:48 EST ON APR 28	189 ON APR 28	2.39 ON OCT 02	654 000	1989
1990	241 AT 18:54 EST ON APR 26	234 ON APR 26	2.12 ON SEP 11	782 000	1990
	B - ICE CONDITIONS E - ESTIMATED	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		733 000	MEAN

BAYFIELD RIVER NEAR VARNA - STATION NO. 02FF007

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1966	---	---	---	---	---	---	---	---	---	0.317	4.72	15.5	---	1966
1967	11.6	4.32	19.1	17.5	3.27	1.72	1.01	2.22	0.403	7.21	19.4	14.7	8.54	1967
1968	3.86	21.9	17.1	4.17	1.24	0.655	0.259	1.19	0.216	1.98	6.10	0.78	3.58	1968
1969	7.75	6.18	17.6	17.4	9.00	1.57	0.281	0.149	0.133	0.328	3.49	2.91	5.56	1969
1970	1.56	3.29	10.2	19.8	2.93	0.485	0.829	0.620	0.372	0.719	3.21	6.85	4.23	1970
1971	2.90	6.27	21.4	16.0	1.21	0.933	0.293	0.423	0.336	0.213	0.302	3.78	4.51	1971
1972	5.18	1.21	15.6	15.3	1.06	0.732	0.701	0.162	0.122	2.09	4.00	13.3	5.07	1972
1973	16.6	4.76	21.7	5.36	5.93	1.45	0.332	0.168	0.115	0.188	4.35	6.28	5.64	1973
1974	12.7	4.81	14.6	13.7	11.9	2.11	0.533	0.166	0.164	0.257	3.07	2.06	5.52	1974
1975	12.6	8.98	16.8	19.2	2.52	2.29	0.342	0.514	1.34	0.399	1.81	7.60	6.18	1975
1976	4.86	22.9	32.1	7.91	5.52	0.579	1.45	0.244	0.542	0.568	4.70	1.73	6.67	1976
1977	0.828	1.32	35.6	4.62	0.843	0.537	0.114	0.241	1.83	2.15	6.84	11.3	5.83	1977
1978	2.54	1.24	7.76	29.5	2.92	1.12	0.159	0.098	2.27	5.04	2.22	4.44	4.93	1978
1979	5.06	1.53	28.7	18.7	2.62	0.631	0.814	0.121	0.063	1.67	12.0	13.5	7.16	1979
1980	2.78	0.802	19.5	13.2	3.62	1.54	1.01	0.694	0.466	3.14	1.79	5.89	4.56	1980
1981	0.528	30.8	8.10	5.68	7.06	1.12	0.421	0.293	4.50	13.4	6.29	5.16	6.78	1981
1982	1.21	0.902	24.3	15.7	2.02	2.85	0.697	0.775	1.52	0.928	10.2	19.0	6.92	1982
1983	4.24	2.86	4.21	6.75	9.55	2.79	0.806	2.61	2.76	2.32	4.78	8.52	4.89	1983
1984	1.67	22.6	10.5	5.74	2.43	2.81	0.415	0.263	1.40	0.546	9.44	12.5	5.79	1984
1985	4.43	20.3	35.2	15.1	1.60	2.58	1.55	1.73	3.88	5.20	12.5	5.52	9.04	1985
1986	6.21	3.16	26.5	4.36	3.82	4.28	0.913	2.43	29.6	15.1	3.33	7.29	8.92	1986
1987	3.59	1.09	17.3	8.42	0.890	0.419	1.10	0.162	0.130	0.786	10.1	16.1	5.04	1987
1988	3.97	5.43	20.1	4.51	2.04	0.256	0.087	0.115	0.159	7.23	13.8	9.84	5.64	1988
1989	6.90	3.31	12.4	7.91	1.40	1.29	0.111	0.097	0.092	0.132	2.79	1.05	3.12	1989
1990	17.6	9.30	10.2	4.92	3.44	0.852	4.46	0.532	2.14	15.3	14.6	15.8	8.28	1990
MEAN	6.06	8.18	18.6	11.7	3.73	1.40	0.782	0.667	2.27	3.61	6.64	8.77	6.03	MEAN

LOCATION - LAT 43 33 03 N LONG 081 35 22 W DRAINAGE AREA, 466 km² NATURAL FLOW

BAYFIELD RIVER NEAR VARNA - STATION NO. 02FF007

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1966	---	---	---	---	1966
1967	151 AT 13:30 EST ON APR 03	118 ON APR 03	0.130 ON SEP 15	269 000	1967
1968	303 AT 12:30 EST ON FEB 02	264 ON FEB 02	0.113 ON JUL 30	176 000	1968
1969	135 AT 12:00 EST ON APR 05	111 ON APR 05	0.093 ON SEP 13	175 000	1969
1970	130 AT 06:44 EST ON APR 09	107 ON APR 09	0.122 ON JUN 26	133 000	1970
1971	101 AT 15:30 EST ON APR 02	91.7 ON APR 02	0.115 ON AUG 19	142 000	1971
1972	195 AT 20:45 EST ON DEC 31	148 ON DEC 31	0.093 ON SEP 23	160 000	1972
1973	185 AT 00:00 EST ON JAN 01	123 ON JAN 01	0.082 ON AUG 15	178 000	1973
1974	163 AT 05:52 EST ON MAY 17	127 ON MAY 17	0.119 ON AUG 26	174 000	1974
1975	210 AT 12:11 EST ON APR 19	181 ON APR 19	0.110 ON AUG 20	195 000	1975
1976	160 AT 19:39 EST ON MAR 05	120 ON MAR 05	0.068 ON AUG 30	217 000	1976
1977	111 AT 18:27 EST ON MAR 13 *	280 ON MAR 13 *	0.031 ON JUL 23 *	104 000	1977
1978	101 AT 19:28 EST ON APR 01	85.2 ON APR 02	0.048 ON SEP 05	155 000	1978
1979	213 AT 10:12 EST ON APR 14	158 ON APR 14	0.041 ON SEP 08	226 000	1979
1980	168 AT 10:56 EST ON MAR 21	139 ON MAR 21	0.100 ON SEP 12	144 000	1980
1981	195 AT 14:34 EST ON FEB 23	160 ON FEB 23	0.089 ON AUG 26	214 000	1981
1982	175 AT 17:14 EST ON MAR 31	143 ON MAR 31	0.171 ON SEP 15	218 000	1982
1983	46.9 AT 03:19 EST ON DEC 13	45.1 ON DEC 13	0.095 ON JUL 27	154 000	1983
1984	---	98.0B ON FEB 14	0.082 ON JUL 29	183 000	1984
1985	175 AT 00:15 EST ON FEB 25	140 ON FEB 25	0.177 ON AUG 14	285 000	1985
1986	293 AT 20:51 EST ON SEP 11	205 ON SEP 11	0.189 ON AUG 22	281 000	1986
1987	85.2 AT 20:45 EST ON NOV 25	74.0 ON NOV 26	0.048 ON JUL 31	159 000	1987
1988	77.4 AT 07:28 EST ON MAR 26	69.5 ON MAR 26	0.039 ON AUG 22	178 000	1988
1989	45.7 AT 14:00 EST ON MAR 29	43.3 ON MAR 29	0.051 ON AUG 01	98 400	1989
1990	102 AT 13:19 EST ON DEC 30	92.8 ON DEC 30	0.195 ON AUG 18	261 000	1990
	B - ICE CONDITIONS	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		190 000	MEAN

BEAR BROOK AT CARLSBAD SPRINGS - STATION NO. 02LB101

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1976	0.202	0.758	7.32	3.10	0.819	0.188	0.090	0.037	0.234	0.753	0.568	0.143	1.19	1976
1977	0.084	0.131	5.15	1.56	0.260	0.162	0.180	0.150	0.587	1.52	1.32	1.23	1.04	1977
1978	2.58	1.00	2.26	6.95	0.489	0.146	0.071	0.136	---	---	---	---	---	1978
MEAN	0.955	0.630	4.91	3.87	0.529	0.165	0.114	0.108	0.411	1.14	0.944	0.687	1.12	MEAN

LOCATION - LAT 45 22 30 N LONG 075 28 20 W DRAINAGE AREA, 65 km² NATURAL FLOW

DATA CONTRIBUTED BY - ONTARIO MINISTRY OF THE ENVIRONMENT

BEAR BROOK AT CARLSBAD SPRINGS - STATION NO. 02LB101

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1976	27.7 AT 06:22 EST ON MAR 28 *	26.4 ON MAR 28 *	0.017 ON AUG 07 *	37 600	1976
1977	24.2 AT 22:30 EST ON MAR 14	23.4 ON MAR 14	0.065 ON JUL 11	32 700	1977
1978	20.0 AT 00:19 EST ON APR 15	18.0 ON APR 14	---	---	1978
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		35 200	MEAN

BEAR BROOK NEAR BOURGET - STATION NO. 02LB008

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1949	---	---	---	29.3	1.70	1.25	0.249	0.007	0.403	0.043	0.766	---	---	1949
1950	---	---	---	42.4	1.01	---	---	---	---	---	---	---	---	1950
1951	---	---	32.8	42.4	3.81	---	---	---	---	---	---	---	---	1951
1952	---	---	---	---	---	---	---	---	---	---	---	---	---	1952
1953	---	---	---	9.91	---	---	---	---	---	---	---	---	---	1953
1955	---	---	6.46	43.7	---	---	---	---	---	---	---	---	---	1955
1956	---	---	0.230	28.5	---	---	---	---	---	---	---	---	---	1956
1957	---	---	15.2	3.60	---	---	---	---	---	---	---	---	---	1957
1958	---	---	12.8	13.6	---	---	---	---	---	---	---	---	---	1958
1959	---	---	2.44	31.7	---	---	---	---	---	---	---	---	---	1959
1960	---	---	1.76	53.7	---	---	---	---	---	---	---	---	---	1960
1961	---	---	9.83	12.9	---	---	---	---	---	---	---	---	---	1961
1962	---	---	6.45	27.8	---	---	---	---	---	---	---	---	---	1962
1963	---	---	2.25	28.6	---	---	---	---	---	---	---	---	---	1963
1964	---	---	14.0	12.8	---	---	---	---	---	---	---	---	---	1964
1965	---	---	6.64	11.9	---	---	---	---	---	---	---	---	---	1965
1966	---	---	24.2	8.95	---	---	---	---	---	---	---	---	---	1966
1967	---	---	---	36.0	---	---	---	---	---	---	---	---	---	1967
1968	---	---	22.6	9.77	---	---	---	---	---	---	---	---	---	1968
1969	---	---	14.3	33.1	---	---	---	---	---	---	---	---	---	1969
1976	---	---	---	44.0	5.01	1.48	0.586	0.268	1.05	2.51	2.64	0.763	---	1976
1977	0.334	0.284	35.2	13.5	1.16	0.434	0.502	0.338	3.52	9.34	7.30	6.95	6.63	1977
1978	7.85	1.04	6.96	50.1	4.89	0.727	0.207	0.180	0.327	0.634	0.639	6.75	6.75	1978
1979	1.20	1.28	33.8	15.5	3.22	1.71	0.490	0.520	1.49	2.90	7.58	9.38	6.64	1979
1980	2.70	0.198	18.3	13.8	4.21	0.500	0.712	0.421	0.866	3.89	3.82	4.30	4.50	1980
1981	0.755	46.1	6.35	6.63	7.84	12.7	1.21	0.431	11.6	10.3	8.42	2.24	9.92	1981
1982	1.04	0.623	4.69	39.3	1.87	0.727	0.534	0.397	0.635	0.818	4.44	12.6	5.60	1982
1983	3.73	4.12	21.3	16.2	13.4	2.04	0.373	0.285	0.156	1.33	10.7	7.56	6.79	1983
1984	1.38	8.10	7.69	39.7	6.55	1.22	0.347	0.978	0.312	0.437	2.[illegible]	4.04	6.00	1984
1985	1.47	2.62	34.8	16.0	1.58	0.707	0.280	0.182	0.166	0.504	1.12	1.33	5.10	1985
1986	2.02	0.761	13.1	6.75	9.88	1.10	2.03	1.63	7.45	8.05	5.85	6.81	5.49	1986
1987	1.93	0.885	21.2	11.0	1.60	1.73	1.40	0.428	1.79	2.87	4.50	11.3	5.09	1987
1988	4.34	4.36	11.5	14.2	4.75	0.691	0.666	0.653	0.498	3.39	9.11	4.24	4.01	1988
1989	0.613	0.431	11.7	12.3	7.57	1.92	0.217	0.487	0.472	1.65	8.91	0.995	3.95	1989
1990	4.00	5.07	21.4	16.8	3.56	0.596	0.833	0.766	0.546	7.19	7.34	10.7	6.58	1990
MEAN	2.16	5.56	14.5	23.6	4.42	1.85	0.656	0.998	1.95	3.47	5.32	5.39	5.93	MEAN

LOCATION - LAT 45 25 35 N DRAINAGE AREA, 440 km²
LONG 075 09 12 W NATURAL FLOW

BEAR BROOK NEAR BOURGET - STATION NO. 02LB008

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1949	---	108 ON MAR 31	0 ON JUL 06 *	---	1949
1950	---	136 ON APR 05	0 ON MAY 23	---	1950
1951	---	115 ON MAR 31	---	---	1951
1952	---	116 ON APR 04	---	---	1952
1953	---	78.7 ON MAR 25	---	---	1953
1955	---	136 B ON APR 07	---	---	1955
1956	---	102 ON APR 07	---	---	1956
1957	---	41.3 ON MAR 16	---	---	1957
1958	---	72.5 ON MAR 30	---	---	1958
1959	---	119 ON APR 06	---	---	1959
1960	---	106 ON APR 08	---	---	1960
1961	---	64.6B ON MAR 29	---	---	1961
1962	---	75.0 ON APR 09	---	---	1962
1963	---	122 B ON APR 03	---	---	1963
1964	---	36.8 ON APR 23	---	---	1964
1965	---	35.1B ON APR 08	---	---	1965
1966	---	65.1B ON MAR 20	---	---	1966
1967	---	126 ON APR 03	---	---	1967
1968	---	80.6 ON MAR 26	---	---	1968
1969	---	70.5B ON APR 08	---	---	1969
1976	---	219 ON APR 04	0.187E ON AUG 23	---	1976
1977	---	150 B ON MAR 16	0.178 ON JUL 28	209 000	1977
1978	---	214 B ON APR 12	0.133 ON AUG 14	213 000	1978
1979	318 AT 19:39 EST ON MAR 25 *	265 ON MAR 25	0.155 ON JUL 26	209 000	1979
1980	---	116 B ON MAR 23	0.150B ON MAR 04	142 000	1980
1981	282 AT 09:44 EST ON FEB 21	270 ON FEB 21 *	0.121 ON AUG 02	313 000	1981
1982	---	153 B ON APR 02	0.154 ON AUG 19	177 000	1982
1983	---	85.0B ON MAR 20	0.121 ON SEP 09	214 000	1983
1984	186 AT 05:33 EST ON APR 06	172 ON APR 06	0.157 ON SEP 22	190 000	1984
1985	---	105 B ON MAR 15	0.103 ON SEP 16	161 000	1985
1986	59.8 AT 17:55 EST ON SEP 12	53.0 ON MAY 21	0.168 ON JUL 25	173 000	1986
1987	135 AT 02:18 EST ON MAR 27	121 ON MAR 27	0.173 ON AUG 28	160 000	1987
1988	---	58.5B ON MAR 27	0.157 ON AUG 21	127 000	1988
1989	---	106 B ON MAR 29	0.111 ON JUL 26	125 000	1989
1990	---	86.6B ON MAR 18	0.207 ON JUL 15	208 000	1990
				187 000	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

BEAR CREEK ABOVE WILKESPORT - STATION NO. 02GG004

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1964	---	---	---	---	---	---	---	---	---	0.004	0.085	1.68	---	1964
1965	3.94	12.4	14.4	14.6	0.489	0.097	0.040	0.049	0.042	0.324	0.981	9.68	4.70	1965
1966	2.50	8.93	9.87	7.06	2.45	4.27	0.973	0.087	0.081	0.042	2.73	19.2	4.78	1966
1967	6.33	2.98	20.0	18.9	1.81	2.42	0.741	0.388	0.202	11.3	14.8	19.0	8.61	1967
1968	5.61	27.3	19.4	5.34	2.30	7.16	3.65	0.236	0.158	0.097	1.43	7.77	6.64	1968
1969	9.27	6.82	5.21	11.7	5.59	3.55	0.731	0.055	0.026	0.044	2.34	4.76	4.49	1969
1970	0.710	5.22	15.3	12.9	3.45	0.820	0.678	0.171	0.063	0.094	1.34	4.75	3.79	1970
1971	1.21	12.1	16.7	3.49	0.749	0.365	0.104	0.036	0.116	0.401	0.148	4.71	3.27	1971
1972	4.24	0.956	14.4	14.2	1.66	0.570	1.79	0.136	0.056	0.792	6.53	12.7	4.77	1972
1973	17.5	4.99	28.4	5.40	3.49	3.52	0.528	0.221	0.022	0.043	3.16	9.71	6.45	1973
1974	20.3	11.0	16.7	9.96	13.1	0.655	0.103	0.023	0.034	0.088	0.717	2.49	6.27	1974
1975	12.4	12.2	15.8	13.5	1.44	3.60	0.185	3.59	7.15	1.68	2.52	8.69	6.85	1975
1976	3.18	33.4	18.5	6.73	8.38	0.708	8.89	0.976	0.311	0.656	0.606	0.410	6.80	1976
1977	0.171	3.50	26.6	8.96	0.735	0.133	0.441	0.040	0.303	1.13	4.19	16.6	5.26	1977
1978	1.10	0.876	21.5	14.4	4.88	1.03	0.060	0.011	0.116	0.087	0.186	0.605	3.51	1978
1979	0.833	0.579	16.1	24.2	2.35	0.616	0.384	0.170	0.030	0.057	1.77	11.4	4.89	1979
1980	3.04	0.890	15.3	12.7	3.68	1.81	0.872	0.787	0.303	1.17	0.428	2.90	3.67	1980
1981	0.248	25.4	4.87	9.78	5.25	0.491	0.142	1.50	8.90	22.4	6.92	5.12	7.46	1981
1982	7.73	0.515	36.1	15.3	0.804	2.49	0.612	1.25	0.448	0.392	7.08	19.7	7.78	1982
1983	3.16	10.8	4.38	9.63	9.95	2.94	0.307	0.888	0.555	0.226	6.75	11.3	5.03	1983
1984	0.551	21.0	19.2	7.22	---	---	---	---	---	---	---	---	---	1984
MEAN	5.14	10.1	16.9	11.3	3.87	2.20	1.07	0.559	0.996	2.04	3.24	8.66	5.53	MEAN

LOCATION - LAT 42 45 52 N LONG 082 20 30 W DRAINAGE AREA, 609 km² NATURAL FLOW

REMARKS - STATION DISCONTINUED MAY 2 1984

BEAR CREEK ABOVE WILKESPORT - STATION NO. 02GG004

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1964	---	---	---	---	1964
1965	104 AT 06:00 EST ON FEB 12	91.7 ON FEB 12	0.014 ON JUL 28	148 000	1965
1966	143 AT 04:00 EST ON DEC 09	128 ON DEC 09	0.003 ON JUL 25	151 000	1966
1967	100 E AT 15:45 EST ON DEC 23	106 E ON DEC 23	0.051 ON SEP 16	271 000	1967
1968	225 B AT 19:00 EST ON FEB 03 *	214 B ON FEB 03 *	0 ON OCT 12 *	210 000	1968
1969	48.7B AT 05:16 EST ON FEB 02	44.7B ON FEB 02	0 ON AUG 29	142 000	1969
1970	92.9 AT 20:10 EST ON APR 04	80.4 ON APR 04	0.002 ON SEP 14	119 000	1970
1971	48.7B AT 01:48 EST ON MAR 02	47.6B ON MAR 01	0.008E ON AUG 16	103 000	1971
1972	69.4 AT 19:46 EST ON APR 18	60.3 ON APR 18	0.042 ON SEP 24	151 000	1972
1973	120 AT 04:45 EST ON JAN 02	108 ON JAN 02	0.010 ON OCT 07	203 000	1973
1974	88.3 AT 18:06 EST ON MAR 06	84.4 ON MAR 06	0.013 ON AUG 15	198 000	1974
1975	70.8 AT 04:01 EST ON FEB 26	66.8 ON FEB 26	0.048 ON AUG 01	216 000	1975
1976	128 B AT 21:20 EST ON FEB 19	123 ON FEB 20	0.062 ON SEP 08	215 000	1976
1977	59.7 AT 08:37 EST ON MAR 13	59.2 ON MAR 13	0 ON AUG 27	166 000	1977
1978	---	101 A ON MAR 24	0 ON SEP 08	111 000	1978
1979	166 AT 16:11 EST ON APR 15	152 ON APR 15	0.001 ON SEP 29	154 000	1979
1980	52.5 AT 17:20 EST ON MAR 23	50.9 ON MAR 23	0.090 ON SEP 08	116 000	1980
1981	111 AT 20:44 EST ON FEB 20	108 ON FEB 20	0.027 ON JUL 27	235 000	1981
1982	141 B AT 23:29 EST ON MAR 16	133 B ON MAR 17	0.067 ON AUG 22	245 000	1982
1983	48.6 AT 10:25 EST ON MAY 04	47.0 ON MAY 04	0.052 ON SEP 15	159 000	1983
1984	---	160 E ON FEB 16	---	---	1984
				174 000	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX) B - ICE CONDITIONS E - ESTIMATED * - EXTREME RECORDED FOR THE PERIOD OF RECORD

BEAR CREEK BELOW BRIGDEN - STATION NO. 02GG009

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1981	---	---	---	---	4.24	0.377	0.119	1.17	8.09	16.2	5.58	4.42	---	1981
1982	7.31	0.482	30.8	14.2	0.745	1.70	0.349	1.07	0.431	0.381	6.30	16.2	6.73	1982
1983	2.64	9.24	4.08	8.71	8.97	2.51	0.226	0.747	0.522	0.196	5.67	10.7	4.48	1983
1984	0.489	19.3	17.0	6.14	2.90	5.88	1.12	0.672	3.75	0.783	9.44	9.86	6.38	1984
1985	9.24	27.7	20.8	9.71	0.411	0.781	0.200	0.204	1.26	3.98	15.3	4.72	7.71	1985
1986	6.78	4.62	23.0	5.52	2.08	12.3	0.776	0.475	7.67	14.1	3.15	9.56	7.60	1986
1987	4.46	1.26	11.7	8.83	0.500	0.234	0.102	0.101	0.310	2.58	6.16	16.1	4.42	1987
1988	0.669	1.33	10.6	3.23	0.678	0.078	3.73	0.742	0.118	2.02	7.93	1.71	2.75	1988
1989	6.00	2.50	8.09	6.58	1.13	2.50	0.233	0.088	1.04	0.465	4.98	0.897	2.87	1989
1990	13.6	19.1	11.6	6.09	5.75	1.10	0.235	0.227	3.01	10.8	7.47	11.7	7.50	1990
MEAN	5.69	9.53	15.3	7.67	2.82	2.75	0.709	0.550	2.62	5.19	7.20	8.59	5.60	MEAN

LOCATION - LAT 42 48 42 N LONG 082 17 54 W DRAINAGE AREA, 533 km² NATURAL FLOW

BEAR CREEK BELOW BRIGDEN - STATION NO. 02GG009

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1981	---	---	0.045 ON JUL 25	---	1981
1982	120 B AT 19:42 EST ON MAR 16	114 B ON MAR 16	0.085 ON AUG 02	212 000	1982
1983	47.5 AT 02:53 EST ON MAY 04	44.1 ON MAY 04	0.032 ON SEP 15	141 000	1983
1984	161 AT 13:30 EST ON FEB 15 *	151 ON FEB 15	0.063 ON AUG 01	202 000	1984
1985	---	233 B ON FEB 25 *	0.027 ON AUG 23	243 000	1985
1986	150 AT 18:45 EST ON JUN 13	117 ON JUN 13	0.071 ON SEP 10	240 000	1986
1987	51.3 AT 04:47 EST ON MAR 04	48.7 ON MAR 04	0.033 ON JUL 31	140 000	1987
1988	47.3 AT 22:07 EST ON JUL 19	40.3 ON JUL 20	0.002 ON JUL 13 *	87 100	1988
1989	30.8 AT 03:03 EST ON MAR 21	28.7 ON MAR 20	0.038 ON AUG 12	90 500	1989
1990	107 AT 20:16 EST ON FEB 24	95.5 ON FEB 24	0.015 ON AUG 12	236 000	1990
	B - ICE CONDITIONS	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		177 000	MEAN

BEAR CREEK NEAR PETROLIA - STATION NO. 02GG006

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1966	---	---	---	---	---	---	---	0.039	0.049	0.017	2.24	7.54	---	1966
1967	2.82	1.27	9.02	6.74	0.903	3.61	0.284	0.223	0.148	5.42	5.93	7.95	3.71	1967
1968	2.68	7.18	7.70	2.02	0.548	2.12	1.31	0.158	0.104	0.579	1.46	3.13	2.36	1968
1969	5.80	2.35	2.46	5.03	4.47	1.49	0.119	0.039	0.001	0.016	1.21	2.00	2.08	1969
1970	0.356	1.85	8.60	7.12	1.86	0.410	0.534	0.359	0.041	0.044	0.480	1.64	1.94	1970
1971	0.457	6.09	5.07	1.41	0.375	0.167	0.042	0.052	0.085	0.047	0.182	3.12	1.40	1971
1972	1.30	0.262	6.16	4.90	0.560	0.394	0.453	0.045	0.035	0.360	2.51	5.03	1.84	1972
1973	5.56	1.67	12.5	2.11	1.70	1.62	0.135	0.127	0.011	0.034	2.61	3.97	2.69	1973
1974	8.84	4.31	7.65	4.19	6.34	0.301	0.060	0.036	0.014	0.070	0.522	1.33	2.81	1974
1975	5.45	4.59	6.54	6.48	0.577	1.64	0.081	1.61	2.73	0.633	1.23	3.44	2.90	1975
1976	1.81	21.6	8.23	3.33	4.46	0.390	3.23	0.310	0.130	0.372	0.377	0.311	3.64	1976
1977	0.180	1.51	12.6	4.33	0.597	0.077	0.511	0.020	0.332	0.766	2.89	7.90	2.66	1977
1978	0.453	0.275	9.65	6.43	1.13	0.404	0.034	0.026	0.077	0.070	0.138	0.408	1.60	1978
1979	0.447	0.428	7.20	11.7	1.06	0.284	0.337	0.146	0.018	0.057	1.03	4.90	2.31	1979
1980	1.23	0.543	6.50	5.21	1.89	0.798	0.659	0.401	0.232	0.649	0.211	1.38	1.65	1980
1981	0.150	11.9	1.97	3.98	1.67	0.175	0.033	0.867	4.61	9.31	3.08	8.43	3.26	1981
1982	4.09	0.337	16.2	5.43	0.524	0.709	0.100	0.071	0.247	0.197	2.54	8.54	3.60	1982
1983	1.32	5.06	1.94	3.51	3.81	1.19	0.112	0.338	0.224	0.228	3.24	4.16	2.00	1983
1984	0.168	10.8	7.22	2.66	1.32	4.35	0.399	0.168	1.21	0.248	3.92	4.92	3.07	1984
1985	3.64	13.3	8.74	4.55	0.278	0.412	0.078	0.121	0.247	1.70	6.90	2.27	3.44	1985
1986	3.96	2.28	10.7	3.09	1.89	0.631	0.224	0.430	5.64	6.36	1.61	5.10	4.00	1986
1987	1.81	0.573	2.83	4.00	0.258	0.053	0.036	0.024	0.136	1.42	3.35	6.99	2.05	1987
1988	0.316	0.772	2.42	1.17	0.458	0.025	3.77	0.718	0.096	1.54	5.45	0.961	1.76	1988
1989	2.82	0.935	4.02	3.13	0.646	0.846	0.058	0.013	0.307	0.182	2.16	0.368	1.29	1989
1990	6.31	7.43	4.67	2.76	2.50	0.557	0.121	0.160	1.14	4.62	3.12	5.77	3.24	1990
MEAN	2.58	4.47	7.44	4.40	1.65	1.19	0.539	0.284	0.715	1.37	2.33	3.82	2.55	MEAN

LOCATION - LAT 42 54 21 N LONG 082 07 12 W DRAINAGE AREA, 267 km^2 NATURAL FLOW

BEAR CREEK NEAR PETROLIA - STATION NO. 02GG006

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1966	---	---	---	---	1966
1967	112 AT 12:30 EST ON DEC 22	81.0 ON DEC 22	0.008 ON SEP 20	117 000	1967
1968	160 B AT 16:00 EST ON FEB 02	81.0B ON FEB 02	0.037 ON OCT 20	74 600	1968
1969	35.4B AT 07:11 EST ON JAN 31	32.3B ON JAN 31	0 ON SEP 06 *	65 700	1969
1970	104 AT 09:03 EST ON APR 03	79.3 ON APR 03	0.019 ON AUG 31	61 200	1970
1971	36.8B AT 02:14 EST ON FEB 28	31.1B ON FEB 28	0 ON AUG 09	44 100	1971
1972	90.9 AT 23:59 EST ON DEC 31	42.8 ON DEC 31	0.024 ON SEP 07	58 100	1972
1973	90.9 AT 00:01 EST ON JAN 01	53.0 ON JAN 01	0 ON SEP 15	84 800	1973
1974	82.1 AT 10:56 EST ON MAY 17	62.6 ON MAY 17	0 ON SEP 20	68 600	1974
1975	78.7 AT 19:58 EST ON APR 19	39.1 ON APR 19	0.031 ON AUG 02	91 500	1975
1976	---	108 E ON FEB 20	0 ON AUG 30	115 000	1976
1977	---	40.5 ON MAR 10	0 ON AUG 21	83 800	1977
1978	---	58.6A ON MAR 24	0 ON AUG 17	50 500	1978
1979	226 AT 12:42 EST ON APR 14 *	156 ON APR 14 *	0 ON SEP 30	72 700	1979
1980	43.7 AT 03:30 EST ON MAR 21	31.4 ON MAR 22	0.100E ON JUL 20	52 100	1980
1981	83.4 AT 15:28 EST ON FEB 16	61.2 ON FEB 16	0.011 ON JUL 17	103 000	1981
1982	---	86.0B ON MAR 15	0.012 ON JUL 29	114 000	1982
1983	26.1 AT 20:51 EST ON DEC 13	22.7 ON DEC 13	0.010 ON SEP 15	63 000	1983
1984	188 AT 13:07 EST ON FEB 14	148 ON FEB 14	0.029 ON AUG 17	97 100	1984
1985	167 AT 21:46 EST ON FEB 24	123 ON FEB 24	0.004 ON AUG 04	109 000	1985
1986	146 AT 18:38 EST ON JUN 12	85.3 ON JUN 12	0.030 ON SEP 09	126 000	1986
1987	44.6 AT 19:45 EST ON NOV 26	29.1 ON NOV 26	0 ON AUG 01	64 800	1987
1988	99.2 AT 16:54 EST ON JUL 17	46.9 ON JUL 18	0 ON JUN 26	55 600	1988
1989	21.7 AT 21:10 EST ON MAR 19	20.3 ON MAR 19	0.001 ON AUG 10	40 600	1989
1990	69.5 AT 09:43 EST ON FEB 23	54.9 ON FEB 23	0.026 ON AUG 12	102 000	1990
	A - MANUAL GAUGE (SEE REFERENCE INDEX) B - ICE CONDITIONS E - ESTIMATED	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		80 600	MEAN

BEATTY SAUGEEN RIVER NEAR HOLSTEIN - STATION NO. 02FC017

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1986	0.485	0.369	1.91	1.20	0.654	0.369	0.235	0.217	1.53	1.43	0.552	0.535	0.792	1986
1987	0.367	0.208	1.18	1.01	0.427	0.250	0.293	0.185	0.087	0.206	0.457	0.719	0.439	1987
1988	0.586	0.964	1.16	1.14	0.411	0.133	0.060	0.063	0.093	0.233	0.508	0.306	0.468	1988
1989	0.494	0.315	1.42	1.18	0.584	0.461	0.073	0.045	0.097	0.280	0.618	0.332	0.492	1989
1990	0.912	0.766	2.38	0.914	0.631	0.368	0.203	0.157	0.164	0.655	1.33	1.15	0.803	1990
MEAN	0.569	0.524	1.61	1.09	0.507	0.316	0.173	0.133	0.394	0.561	0.693	0.608	0.599	MEAN

LOCATION - LAT 44 05 22 N LONG 080 44 40 W DRAINAGE AREA, 50.1 km² NATURAL FLOW

REMARKS - GAUGE OPERATIONAL DEC 04 1985

BEATTY SAUGEEN RIVER NEAR HOLSTEIN - STATION NO. 02FC017

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1986	10.3 AT 16:11 EST ON SEP 12	8.14 ON SEP 12	0.060 ON AUG 14	25 000	1986
1987	6.19 AT 16:45 EST ON MAR 26	5.71 ON MAR 26	0.026 ON SEP 10	13 800	1987
1988	5.65 AT 00:50 EST ON MAR 27	4.75 ON MAR 27	0.045E ON AUG 22	14 800	1988
1989	11.8 AT 00:29 EST ON MAR 29 *	10.4 ON MAR 29	0.009 ON AUG 27 *	15 500	1989
1990	---	11.8 E ON MAR 13 *	0.055E ON SEP 13	25 300	1990
	E - ESTIMATED	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		18 900	MEAN

BEAVER CREEK NEAR MARMORA - STATION NO. 02HK006

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1973	---	---	---	---	---	---	---	---	---	1.04	4.32	7.69	---	1973
1974	10.7	9.14	14.1	28.0	23.1	5.28	0.988	0.219	0.224	1.12	6.12	9.59	9.03	1974
1975	7.17	4.77	13.7	26.0	15.1	2.65	0.382	0.075	0.198	0.531	1.36	4.30	6.36	1975
1976	4.82	3.72	20.0	34.1	10.0	2.40	0.945	0.265	0.190	0.483	3.04	3.06	6.91	1976
1977	1.45	1.28	13.8	15.8	4.61	0.642	0.275	0.159	0.176	1.69	5.04	12.2	4.89	1977
1978	3.99	0.27	4.69	30.5	19.4	2.66	0.426	0.532	1.23	1.59	6.52	4.2	4.89	1978
1979	5.73	3.96	20.2	33.9	14.7	5.06	0.388	0.230	0.179	1.51	9.93	6.99	7.70	1979
1980	9.39	3.32	13.4	24.7	11.5	2.13	1.38	0.805	0.284	1.80	4.78	4.84	6.53	1980
1981	2.44	2.3	18.5	24.8	7.47	4.98	1.68	0.451	3.94	5.63	6.77	5.41	7.86	1981
1982	3.91	2.47	4.84	21.8	11.2	4.86	1.30	0.345	0.515	1.52	8.75	19.0	7.27	1982
1983	10.8	7.55	9.95	16.0	21.6	6.98	0.229	0.087	0.068	0.633	1.58	3.69	6.77	1983
1984	2.54	11.3	11.5	31.8	15.6	2.71	0.395	0.690	0.300	0.636	2.63	4.73	7.03	1984
1985	8.36	8.81	22.5	31.0	11.8	5.09	2.53	0.248	3.95	4.02	12.0	10.5	10.1	1985
1986	5.86	4.61	12.5	19.3	7.42	2.91	1.16	2.57	8.70	17.8	7.26	6.50	8.62	1986
1987	4.02	3.17	8.57	30.0	4.58	2.44	1.26	0.199	0.123	1.35	3.05	10.7	5.78	1987
1988	5.75	6.22	7.63	26.9	9.41	1.54	0.175	0.098	0.122	0.629	5.70	4.38	5.68	1988
1989	3.61	2.34	4.13	19.2	13.5	7.88	2.66	0.399	0.362	2.19	11.1	4.77	6.00	1989
1990	4.42	4.61	15.0	24.3	13.0	3.70	1.42	0.319	0.142	3.12	4.75	11.9	7.23	1990
MEAN	5.89	6.18	12.6	25.5	12.7	4.17	1.15	0.452	1.22	2.74	5.98	7.98	7.23	MEAN

LOCATION - LAT 44 32 07 N LONG 077 41 45 W DRAINAGE AREA, 541 km² REGULATED

REMARKS - STATION RELOCATION EFFECTIVE JUL 23 1986

BEAVER CREEK NEAR MARMORA - STATION NO. 02HK006

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1973	---	---	---	---	1973
1974	---	46.4 ON APR 17	0.153 ON AUG 26	285 000	1974
1975	53.0 AT 03:26 EST ON APR 21	52.7 ON APR 21	0.023 ON SEP 10 *	200 000	1975
1976	80.1 AT 16:58 EST ON APR 02	79.0 ON APR 02	0.156E ON OCT 05	218 000	1976
1977	---	32.0B ON MAR 17	0.122 ON AUG 03	154 000	1977
1978	54.1 AT 12:37 EST ON APR 22	53.5 ON APR 22	0.306 ON AUG 18	243 000	1978
1979	64.7 AT 12:54 EST ON MAR 26	62.6 ON MAR 26	0.121 ON SEP 13	282 000	1979
1980	---	65.0B ON MAR 23	0.176 ON SEP 19	206 000	1980
1981	88.5B AT 10:00 EST ON FEB 25 *	85.5B ON FEB 25 *	0.255 ON SEP 01	248 000	1981
1982	50.7 AT 06:55 EST ON APR 15	50.2 ON APR 22	0.161 ON AUG 18	229 000	1982
1983	37.1 AT 18:04 EST ON MAY 09	36.6 ON MAY 09	0.076 ON AUG 21	213 000	1983
1984	57.6 AT 15:24 EST ON APR 07	56.4 ON APR 07	0.147 ON AUG 05	222 000	1984
1985	---	42.6B ON FEB 27	0.164 ON AUG 14	317 000	1985
1986	41.8 AT 08:30 EST ON APR 01	41.5 ON APR 01	0.662 ON JUL 25	278 000	1986
1987	64.7 AT 02:20 EST ON APR 07	62.9 ON APR 07	0.064 ON SEP 04	102 000	1987
1988	48.5 AT 17:38 EST ON APR 05	47.3 ON APR 05	0.061 ON AUG 23	180 000	1988
1989	35.2 AT 13:09 EST ON APR 08	31.9B ON APR 07	0.193 ON SEP 14	189 000	1989
1990	31.7 AT 23:59 EST ON DEC 31	29.7B ON MAR 18	0.052 ON SEP 15	228 000	1990
	B - ICE CONDITIONS E - ESTIMATED	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		228 000	MEAN

BEAVER RIVER ABOVE EUGENIA POWER HOUSE - STATION NO. 02FB001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1918	---	---	---	---	---	---	---	---	---	0.492	0.714	1.47	---	1918
1919	---	---	3.34	4.94	5.90	2.26	1.35	1.30	1.05	0.813	0.890	1.03	---	1919
1920	0.743	0.593	---	---	---	1.64	1.48	0.805	0.645	0.824	1.80	1.69	---	1920
1921	1.43	3.22	8.99	4.31	2.62	1.64	0.902	0.703	0.734	0.710	0.686	0.940	2.41	1921
1922	0.708	0.650	2.40	4.76	4.56	1.18	1.04	0.793	0.578	0.496	0.502	0.481	1.35	1922
1923	0.481	0.481	0.850	3.56	4.12	2.73	0.928	0.722	0.616	0.571	0.672	1.12	1.48	1923
1924	1.72	1.58	1.92	4.13	3.13	1.14	0.995	0.682	0.623	0.513	0.628	0.902	1.49	1924
1925	0.306	1.45	3.17	2.80	2.27	1.52	0.799	0.493	0.795	0.976	2.51	1.30	1.53	1925
1926	1.16	1.13	2.08	6.13	8.03	2.74	1.01	1.29	1.03	1.38	5.68	1.50	2.52	1926
1927	0.538	0.651	4.60	3.54	2.21	1.58	1.51	1.01	0.808	0.749	1.11	1.24	1.63	1927
1928	1.21	0.846	2.35	9.45	4.58	1.34	1.47	2.14	1.48	1.34	2.08	3.35	2.47	1928
1929	3.95	1.81	7.04	9.72	5.29	1.87	1.34	0.579	0.460	0.440	0.957	0.793	2.86	1929
1930	1.56	2.21	1.61	5.48	2.46	1.19	0.878	0.544	0.505	0.542	0.491	0.538	1.49	1930
1931	0.368	0.311	0.396	1.99	1.18	0.870	0.752	0.621	0.372	0.667	1.54	1.39	0.873	1931
1932	4.03	5.36	4.25	8.80	3.40	1.16	0.974	0.902	1.01	0.903	1.53	1.93	2.84	1932
1933	1.59	1.30	1.67	6.64	1.92	1.12	0.631	0.464	0.538	0.515	0.854	0.963	1.51	1933
1934	0.991	0.680	1.36	3.48	1.07	0.720	0.691	0.587	0.474	0.420	0.551	0.396	0.950	1934
1935	0.963	0.453	2.35	0.934	0.785	0.875	0.473	0.287	0.306	0.459	0.684	0.538	0.762	1935
1936	0.425	0.481	2.04	1.96	1.15	0.863	0.414	0.384	0.484	0.477	0.768	1.08	0.876	1936
1937	2.04	1.84	0.765	1.87	0.871	0.589	0.534	0.404	0.394	0.475	0.529	0.396	0.885	1937
1938	0.283	---	3.17	1.53	1.12	0.789	0.607	0.454	0.653	0.849	0.446	0.453	---	1938
1939	0.765	0.793	1.33	3.37	3.01	0.946	0.668	0.580	0.481	0.513	0.754	0.545	1.15	1939
1940	0.396	0.396	0.510	2.95	1.87	1.41	0.845	0.835	0.810	0.912	1.45	1.50	1.16	1940
1941	1.91	0.850	0.821	2.74	0.957	0.671	0.462	0.537	0.617	1.47	1.73	1.70	1.17	1941
1942	1.42	0.821	3.41	4.34	2.77	2.40	1.11	0.879	1.18	1.06	1.63	1.30	1.84	1942
1943	1.22	1.19	5.12	5.18	9.10	2.99	1.12	0.866	0.567	0.556	0.880	0.595	2.26	1943
1944	0.680	0.793	1.02	2.33	1.28	0.690	0.462	0.349	0.440	0.350	0.520	0.566	0.788	1944
1945	0.510	0.425	2.67	1.88	2.71	2.24	2.94	1.06	1.14	2.49	1.51	1.22	1.74	1945
1946	2.12	1.44	4.54	4.64	1.04	0.824	0.787	0.479	0.511	0.512	0.577	0.680	1.27	1946
1947	0.793	0.623	0.906	9.74	4.05	2.07	1.30	0.712	0.518	0.402	0.461	0.595	1.84	1947
1948	0.453	0.481	2.94	2.30	1.57	0.933	0.707	0.548	0.426	0.539	0.852	0.496	1.02	1948
1949	1.36	1.27	2.79	2.90	1.18	0.661	0.543	0.370	0.404	0.532	0.469	1.93	1.20	1949
1950	2.18	1.05	1.90	4.87	1.35	1.00	0.717	0.627	0.509	0.530	0.770	1.42	1.41	1950
1951	1.70	0.878	2.01	7.74	3.25	---	---	---	---	---	---	---	---	1951
MEAN	1.29	1.17	2.57	4.31	2.74	1.39	0.952	0.712	0.661	0.723	1.04	1.09	1.54	MEAN

LOCATION - LAT 44 20 20 N DRAINAGE AREA, 254 km²
LONG 080 32 20 W REGULATED

BEAVER RIVER ABOVE EUGENIA POWER HOUSE - STATION NO. 02FB001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1918	---	---	---	---	1918
1919	---	8.30 ON MAY 06	---	---	1919
1920	---	---	---	---	1920
1921	---	22.7 ON MAR 20	0.340 ON AUG 24	75 900	1921
1922	---	10.6 ON APR 11	0 B ON MAR 01 *	42 500	1922
1923	---	14.2 ON MAY 21	0.311 ON OCT 14	46 600	1923
1924	---	12.2 ON APR 06	0.311 ON AUG 10	47 300	1924
1925	---	7.84 ON MAR 26	0.283B ON JAN 09	48 200	1925
1926	---	22.5 E ON MAY 03	0.595 ON JUL 30	79 400	1926
1927	---	9.60 ON MAR 17	0.481B ON MAR 01	51 600	1927
1928	---	17.8 ON APR 04	0.595 ON JUL 12	78 000	1928
1929	---	33.1 ON APR 06 *	0.198 ON OCT 02	90 200	1929
1930	---	12.4 ON APR 18	0.340 ON SEP 07	47 000	1930
1931	---	6.54 ON NOV 20	0.283 ON OCT 06	27 500	1931
1932	---	13.5 ON APR 11	0.538 ON AUG 23	69 700	1932
1933	---	13.5 ON APR 11	0.340 ON AUG 09	47 700	1933
1934	---	5.64 ON APR 06	0.227 ON SEP 10	30 000	1934
1935	---	6.94B ON MAR 17	0.198 ON AUG 09	24 000	1935
1936	---	4.84 ON MAR 27	0.255 ON AUG 09	27 700	1936
1937	---	5.52 ON APR 06	0.311 ON AUG 01	27 900	1937
1938	---	9.94B ON MAR 23	---	---	1938
1939	---	7.82 ON APR 18	0.311 ON OCT 13	36 200	1939
1940	---	5.58 ON APR 10	0.396B ON JAN 01	36 600	1940
1941	---	3.69 ON APR 08	0.340 ON JUL 06	37 000	1941
1942	---	16.3 ON MAR 17	0.538 ON MAR 01	58 000	1942
1943	---	16.8 ON MAY 12	0.425 ON SEP 05	71 200	1943
1944	---	4.90 ON APR 10	0.227 ON AUG 15	24 900	1944
1945	---	13.5 ON JUL 15	0.425B ON FEB 01	55 000	1945
1946	---	7.42 ON MAR 07	0.396 ON SEP 11	40 200	1946
1947	---	10.8 ON APR 11	0.340 ON OCT 14	58 100	1947
1948	---	11.5 ON MAR 20	0.311 ON SEP 08	32 300	1948
1949	---	9.85 ON MAR 28	0.227 ON AUG 13	37 900	1949
1950	---	16.0 ON APR 04	0.340 ON AUG 20	44 400	1950
1951	---	17.9 ON APR 26	---	---	1951
				48 700	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

BEAVER RIVER AT EUGENIA - STATION NO. 02FB008

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1910	---	---	---	---	---	---	1.17	0.977	0.793	0.986	1.23	0.955	---	1910
1911	1.22	1.37	2.34	7.12	2.60	1.31	---	---	---	---	---	---	---	1911
1913	---	---	---	---	---	1.88	1.23	0.923	0.806	0.849	1.26	1.12	---	1913
1914	0.989	1.54	2.06	4.99	2.45	1.43	0.999	0.881	0.729	0.881	1.17	1.17	1.60	1914
MEAN	1.10	1.46	2.20	6.06	2.53	1.54	1.13	0.927	0.776	0.872	1.22	1.08	1.60	MEAN

LOCATION - LAT 44 18 00 N LONG 080 31 00 W DRAINAGE AREA, 179 km² NATURAL FLOW DATA CONTRIBUTED BY - ONTARIO HYDRO

BEAVER RIVER AT EUGENIA - STATION NO. 02FB008

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1910	---	---	---	---	1910
1911	---	---	---	---	1911
1913	---	---	---	---	1913
1914	---	7.73 ON APR 03 *	0.510 ON OCT 05 *	50 600	1914
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		50 600	MEAN

BEAVER RIVER NEAR CLARKSBURG - STATION NO. 02FB009

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1957	---	---	---	---	5.13	4.75	5.69	2.35	4.67	5.54	8.15	12.3	---	1957
1958	7.52	7.17	9.14	10.7	3.93	2.95	3.92	2.32	3.67	3.36	3.29	3.38	5.05	1958
1959	3.25	3.77	9.12	22.2	14.2	6.92	3.98	4.10	4.31	---	---	---	---	1959
1960	---	---	---	---	---	---	---	---	---	3.25	4.95	4.38	---	1960
1961	3.55	7.80	14.1	15.3	10.8	8.11	4.38	3.68	2.84	2.03	3.31	4.87	6.73	1961
1962	3.68	4.05	10.0	13.2	4.87	2.74	2.09	1.93	1.91	2.30	5.03	5.80	4.80	1962
1963	2.90	3.37	13.3	12.5	14.1	5.02	2.74	3.18	3.16	2.92	5.38	3.84	6.05	1963
1964	7.07	5.92	10.0	8.53	3.87	2.48	1.97	2.43	3.07	2.44	2.28	4.72	4.56	1964
1965	5.35	10.2	6.37	23.6	11.0	4.32	3.23	3.10	3.22	4.07	6.52	11.8	7.69	1965
1966	8.44	12.3	14.8	8.00	4.24	4.09	2.80	2.59	2.96	3.81	4.45	8.98	6.34	1966
1967	7.47	7.07	10.8	17.3	5.74	10.8	13.5	6.62	6.37	7.44	14.1	15.2	10.2	1967
1968	9.08	16.6	19.5	15.2	7.01	4.54	3.41	4.60	5.61	4.62	9.54	14.0	9.48	1968
1969	9.49	9.84	11.8	27.0	19.8	8.85	5.04	3.33	2.92	4.05	5.75	4.94	9.38	1969
1970	3.84	4.33	5.76	24.9	9.93	4.41	5.74	3.66	4.73	5.87	6.36	7.05	7.20	1970
1971	6.02	6.57	14.2	30.1	9.65	5.37	3.79	3.20	3.21	3.31	5.02	8.23	8.12	1971
1972	7.40	4.96	6.53	26.4	11.8	5.38	4.65	3.58	3.93	4.53	5.84	8.07	7.69	1972
1973	14.9	8.98	21.5	18.3	9.26	6.14	3.54	3.70	2.97	4.58	5.54	7.53	9.00	1973
1974	9.02	7.43	17.5	20.4	14.9	6.29	5.35	3.59	2.85	4.05	7.05	5.55	8.68	1974
1975	7.14	7.70	12.3	26.1	14.4	4.81	3.60	3.33	4.11	3.40	3.50	6.74	8.08	1975
1976	4.47	11.4	29.8	16.8	7.44	3.99	5.20	4.00	2.73	5.79	9.12	6.13	8.90	1976
1977	4.53	4.23	24.5	15.6	5.27	2.91	2.63	4.07	4.75	11.1	12.8	13.8	8.89	1977
1978	5.98	4.20	7.25	22.8	12.5	6.04	2.99	3.17	5.48	5.79	5.26	5.34	7.23	1978
1979	5.76	5.83	24.8	23.7	12.3	5.83	2.75	2.70	4.62	5.30	8.28	13.1	9.59	1979
1980	9.23	5.37	13.5	19.0	7.97	5.88	7.73	5.28	5.90	7.65	7.98	10.1	8.81	1980
1981	7.01	20.4	12.6	11.5	9.65	5.41	3.63	3.96	8.17	9.21	9.90	8.39	8.98	1981
1982	7.4	5.72	14.0	33.0	9.32	9.89	4.67	3.86	3.78	4.99	8.54	15.6	10.0	1982
1983	9.84	10.1	10.8	12.8	11.7	6.35	2.74	2.91	4.16	4.63	9.93	7.58	7.77	1983
1984	4.22	18.8	14.5	19.7	10.9	7.45	3.87	2.30	4.78	4.25	8.44	10.7	9.10	1984
1985	8.90	12.2	21.0	32.7	9.44	5.26	2.91	2.45	4.98	5.49	11.2	6.54	10.2	1985
1986	10.2	9.40	18.3	16.2	7.54	4.96	3.10	3.08	15.6	18.8	9.82	9.09	10.3	1986
1987	6.76	6.26	16.1	16.5	5.11	4.22	3.05	2.22	1.77	3.09	6.81	10.6	6.88	1987
1988	7.84	11.7	13.5	12.0	6.69	3.37	2.30	1.95	2.90	5.45	10.5	9.16	7.34	1988
1989	11.3	8.75	17.5	14.3	10.8	8.29	2.81	2.60	5.76	3.80	5.22	4.86	7.99	1989
1990	10.2	7.53	20.5	15.2	7.95	4.59	3.38	2.59	3.32	5.10	9.44	11.6	8.47	1990
MEAN	7.14	8.37	14.5	18.8	9.37	5.53	4.02	3.29	4.38	5.17	7.27	8.49	8.05	MEAN

LOCATION - LAT 44 31 20 N LONG 080 28 00 W DRAINAGE AREA, 572 km² REGULATED SINCE 1915

BEAVER RIVER NEAR CLARKSBURG - STATION NO. 02FB009

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1957	51.0 AT 23:00 EST ON DEC 20	30.9 ON DEC 21	2.01 ON AUG 19	---	1957
1958	39.4 AT 19:30 EST ON MAR 29	15.9 ON APR 06	1.81 ON AUG 04	159 000	1958
1959	47.6 AT 21:00 EST ON APR 05	38.5 ON APR 08	---	---	1959
1960	---	---	---	---	1960
1961	31.4 AT 19:00 EST ON MAR 27	24.8 ON MAR 28	1.61 ON OCT 26	212 000	1961
1962	45.3 AT 00:01 EST ON DEC 07	32.6 ON MAR 29	1.55 ON OCT 19	151 000	1962
1963	54.4 AT 20:00 EST ON MAR 26	52.1 ON MAR 27	2.21 ON JUL 12	191 000	1963
1964	---	17.8B ON MAR 05	1.69 ON NOV 02	144 000	1964
1965	60.0 AT 03:00 EST ON APR 12	56.4 ON APR 12	2.01 ON JUL 24	242 000	1965
1966	64.5 AT 18:30 EST ON FEB 10	39.1 ON FEB 11	1.69 ON AUG 08	200 000	1966
1967	54.4 AT 16:30 EST ON JUL 10	38.8 ON APR 01	2.25 ON JUN 05	322 000	1967
1968	79.0 AT 12:40 EST ON FEB 02	62.0 ON FEB 02	2.17 ON AUG 04	300 000	1968
1969	45.6 AT 05:15 EST ON APR 18	39.6 ON APR 11	2.13 ON OCT 13	296 000	1969
1970	47.9 AT 03:15 EST ON APR 09	45.3 ON APR 09	2.94 ON AUG 28	227 000	1970
1971	54.4B AT 20:55 EST ON MAR 15	45.3 ON MAR 16	2.78 ON AUG 22	256 000	1971
1972	58.6 AT 20:36 EST ON APR 14	49.3 ON APR 19	2.62 ON NOV 02	243 000	1972
1973	45.6 AT 12:44 EST ON MAR 30	39.9 ON MAR 30	2.00 ON JUL 18	204 000	1973
1974	80.4 AT 01:38 EST ON APR 04	61.4B ON MAR 05	1.59 ON SEP 24	274 000	1974
1975	81.8 AT 03:48 EST ON APR 19	71.6 ON APR 19	1.77 ON NOV 04	255 000	1975
1976	68.8 AT 02:55 EST ON MAR 21	61.2 ON MAR 21	1.33 ON SEP 07	281 000	1976
1977	96.3 AT 05:21 EST ON MAR 13 *	93.1 ON MAR 13 *	1.00 ON JUL 29 *	280 000	1977
1978	44.7 AT 16:16 EST ON APR 01	33.1 ON APR 01	1.24 ON AUG 14	228 000	1978
1979	66.5 AT 00:03 EST ON APR 14	51.9 ON APR 14	1.25 ON JUL 20	302 000	1979
1980	64.5 AT 14:14 EST ON MAR 21	48.5 ON MAR 21	2.57 ON JUL 13	279 000	1980
1981	63.4 AT 23:11 EST ON FEB 18	56.9B ON FEB 19	1.43 ON AUG 02	281 000	1981
1982	72.9 AT 10:30 EST ON MAR 31	64.8 ON MAR 31	1.42 ON SEP 02	317 000	1982
1983	29.1 AT 23:39 EST ON NOV 20	23.0 ON NOV 21	1.28 ON JUL 18	245 000	1983
1984	55.8 AT 11:30 EST ON DEC 29	51.0B ON DEC 29	1.41 ON AUG 07	288 000	1984
1985	63.8 AT 19:03 EST ON APR 05	55.1 ON APR 06	1.15 ON AUG 14	322 000	1985
1986	70.7 AT 00:59 EST ON SEP 30	39.0 ON SEP 30	1.62 ON AUG 05	324 000	1986
1987	47.8 AT 08:03 EST ON APR 05	39.5 ON APR 05	1.49 ON SEP 26	217 000	1987
1988	40.9 AT 11:10 EST ON NOV 10	27.0B ON FEB 01	1.49 ON AUG 06	232 000	1988
1989	---	61.6E ON MAR 29	1.86 ON JUL 19	252 000	1989
1990	79.5 AT 19:20 EST ON MAR 12	66.5B ON MAR 12	1.97 ON AUG 18	267 000	1990
				254 000	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

BEAVER RIVER NEAR FEVERSHAM - STATION NO. 02FB004

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1914	---	---	0.941	2.03	1.01	0.598	0.399	0.398	0.248	0.342	0.460	0.635	---	1914
1915	0.472	0.561	0.660	1.62	0.863	0.689	0.464	0.410	---	---	---	---	---	1915
MEAN	0.472	0.561	0.801	1.83	0.937	0.644	0.432	0.404	0.248	0.342	0.460	0.635	---	MEAN

LOCATION - LAT 44 19 15 N LONG 080 24 00 W
DRAINAGE AREA, 81.6 km^2
NATURAL FLOW
DATA CONTRIBUTED BY - ONTARIO HYDRO

BEAVER RIVER NEAR FEVERSHAM - STATION NO. 02FB004

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1914	---	3.28 ON MAR 31	---	---	1914
1915	---	3.77 ON APR 11 *	---	---	1915
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		---	MEAN

BEAVER RIVER NEAR KIMBERLEY - STATION NO. 02FB003

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1915	---	---	---	3.43	5.28	0.819	1.70	1.25	1.48	1.66	2.00	2.07	---	1915
1916	8.36	7.93	6.52	11.4	5.84	3.66	1.66	1.27	1.11	1.46	2.49	4.43	4.66	1916
1917	3.08	3.20	4.71	8.82	3.35	2.57	1.46	1.55	2.32	2.63	2.48	2.56	3.82	1917
1918	2.46	2.58	3.81	8.59	3.64	2.37	1.20	1.16	2.46	2.46	2.72	3.23	3.23	1918
1919	3.27	2.77	6.34	6.38	6.52	3.45	2.04	2.40	2.55	2.73	3.22	3.60	3.78	1919
1920	2.86	2.47	6.13	5.05	3.85	2.63	2.63	1.97	1.81	2.69	3.62	4.13	3.33	1920
1921	3.67	3.57	13.4	6.14	4.12	2.90	2.26	2.12	2.51	3.52	4.42	4.91	4.43	1921
1922	3.46	3.72	4.99	8.54	4.67	2.91	2.45	2.00	2.28	3.44	3.84	4.45	4.42	1922
1923	3.45	3.35	3.26	6.12	6.83	4.50	3.03	2.30	2.31	2.24	2.97	3.42	3.41	1923
1924	3.02	2.64	3.57	7.31	5.34	3.51	2.98	2.51	2.98	3.12	3.31	3.18	3.62	1924
1925	2.74	3.50	5.85	4.26	4.07	3.62	3.33	2.77	2.63	2.83	3.84	3.51	3.58	1925
1926	3.40	3.51	4.24	9.88	11.0	4.11	2.95	3.03	2.77	3.23	4.81	3.94	4.77	1926
1927	4.19	4.93	8.68	6.28	5.01	4.25	3.85	3.12	3.13	3.04	3.57	3.83	4.49	1927
1928	3.89	3.50	6.29	14.0	5.41	3.58	3.93	4.45	4.04	4.77	5.58	6.71	5.48	1928
1929	7.61	5.48	11.6	16.1	9.96	4.99	4.63	3.85	3.48	3.86	3.14	2.55	6.44	1929
1930	4.16	5.46	4.30	8.12	5.25	4.56	3.53	3.24	2.82	2.01	1.94	1.93	3.93	1930
1931	1.76	2.22	1.89	3.62	2.14	2.65	2.42	2.37	2.64	2.69	3.06	4.05	2.59	1931
1932	6.60	8.01	6.63	9.06	4.64	2.74	2.38	2.17	2.96	2.62	3.45	4.47	4.62	1932
1933	4.93	4.42	5.13	7.88	3.53	2.60	2.18	2.43	1.97	1.74	2.94	3.57	3.64	1933
1934	3.20	2.49	3.62	5.41	2.79	1.93	1.91	1.62	1.26	2.11	3.17	1.78	2.60	1934
1935	2.61	2.58	4.58	1.79	1.03	1.33	1.40	1.42	1.37	1.44	2.23	2.86	2.05	1935
1936	4.07	2.01	4.10	4.42	3.29	2.79	2.00	2.11	2.04	1.77	2.55	3.82	2.83	1936
1937	4.42	4.62	2.89	2.72	2.38	2.64	1.72	1.76	1.46	1.43	2.05	2.10	2.48	1937
1938	3.70	3.48	5.68	2.96	2.37	2.38	2.13	3.34	2.55	1.92	2.15	2.18	2.73	1938
1939	2.15	2.61	3.60	5.41	4.79	2.97	2.27	1.91	2.71	2.48	2.67	2.87	3.04	1939
1940	1.64	1.56	1.21	5.13	3.04	2.94	3.31	3.47	2.55	2.90	4.63	5.26	3.14	1940
1941	5.31	4.15	6.47	4.87	4.31	2.38	2.61	1.84	1.67	3.99	5.04	4.93	3.48	1941
1942	5.03	3.86	6.02	9.02	7.80	6.04	3.07	2.95	2.87	3.14	4.91	4.51	5.06	1942
1943	4.58	5.77	7.38	9.28	11.8	5.05	3.44	3.53	2.84	2.05	2.38	2.21	5.02	1943
1944	2.10	1.61	2.21	3.59	4.01	2.49	1.81	1.56	1.58	1.51	2.84	3.82	2.43	1944
1945	1.59	1.56	5.00	5.57	6.99	5.53	5.31	3.40	3.89	6.04	5.77	5.18	4.67	1945
1946	6.48	5.78	9.75	3.87	2.68	2.09	2.52	2.69	2.08	1.52	1.58	1.50	3.54	1946
1947	1.78	2.94	3.11	14.7	8.76	5.58	2.75	2.50	2.39	2.03	2.12	2.26	4.20	1947
1948	2.09	2.33	5.81	5.43	4.30	3.42	3.18	3.14	2.87	2.94	3.07	2.49	3.29	1948
1949	3.91	4.79	7.52	7.92	4.55	2.47	2.34	2.33	1.84	2.53	2.83	5.35	4.03	1949
1950	5.94	5.27	6.55	10.8	6.09	3.71	3.26	3.04	2.71	3.32	3.79	4.53	4.91	1950
1951	6.03	5.58	7.58	13.5	7.52	---	---	---	---	---	---	---	---	1951
MEAN	3.76	3.78	5.52	7.23	5.09	3.31	2.77	2.53	2.37	2.61	3.19	3.43	3.79	MEAN

LOCATION - LAT 44 20 40 N LONG 080 32 20 W DRAINAGE AREA, 262 km² REGULATED

BEAVER RIVER NEAR KIMBERLEY - STATION NO. 02FB003

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1915	---	---	---	---	1915
1916	---	19.5 ON APR 01	0.878 ON SEP 10	147 000	1916
1917	---	17.0 ON APR 02	1.19 ON DEC 23	120 000	1917
1918	---	19.7 ON APR 04	1.30 ON FEB 10	102 000	1918
1919	---	13.3 ON MAR 18	0.906 ON JUL 27	119 000	1919
1920	---	16.1 ON MAR 26	0.566 ON OCT 17 *	105 000	1920
1921	---	25.3 ON MAR 20	0.566 ON NOV 06	140 000	1921
1922	---	17.3 ON APR 11	0.651E ON MAR 02	108 000	1922
1923	---	16.7 ON MAY 21	0.765E ON FEB 11	107 000	1923
1924	---	20.8 ON APR 06	1.39 ON JUL 06	114 000	1924
1925	---	15.4 ON MAR 27	1.73 ON OCT 04	113 000	1925
1926	---	27.3 ON MAY 03	1.78 ON JUL 04	150 000	1926
1927	---	16.1 ON MAR 17	1.64 ON OCT 30	142 000	1927
1928	---	34.5 ON APR 05	2.21 ON JUL 08	173 000	1928
1929	---	37.1 ON APR 06 *	1.93 B ON DEC 22	203 000	1929
1930	---	15.4 B ON FEB 23	1.36 ON OCT 12	124 000	1930
1931	---	6.31 ON APR 10	1.22 ON NOV 11	81 800	1931
1932	---	14.3 ON APR 11	1.44 ON AUG 07	146 000	1932
1933	---	12.3 ON APR 07	1.02 ON OCT 08	115 000	1933
1934	---	8.78 ON APR 02	0.906 ON AUG 31	82 100	1934
1935	---	13.6 ON MAR 17	0.736 ON JUN 09	64 800	1935
1936	11.3 AT 20:00 EST ON MAR 27	9.35 ON MAR 27	1.16 ON AUG 02	89 400	1936
1937	24.2B AT 00:10 EST ON FEB 09	7.73 ON APR 06	0.821 ON OCT 11	78 300	1937
1938	19.0 AT 20:30 EST ON MAR 21	14.1 ON MAR 24	1.10 ON OCT 10	86 100	1938
1939	14.9 AT 22:00 EST ON APR 18	11.2 ON APR 19	0.850E ON JUN 25	95 700	1939
1940	15.5 AT 17:00 EST ON APR 08	10.7 ON DEC 30	0.906 ON MAR 17	99 200	1940
1941	17.8 AT 08:00 EST ON OCT 05	9.26 ON APR 14	0.934 ON SEP 28	110 000	1941
1942	26.2 AT 06:00 EST ON MAR 17	21.0 ON MAR 17	1.33 ON AUG 16	159 000	1942
1943	23.3 AT 04:00 EST ON APR 01	19.8 ON APR 01	0.934 ON OCT 11	158 000	1943
1944	11.3 AT 12:00 EST ON APR 10	7.96 ON APR 10	0.878 ON AUG 13	76 800	1944
1945	17.0 AT 19:00 EST ON JUL 15	14.1 ON MAR 16	1.56 B ON FEB 01	147 000	1945
1946	16.6 AT 06:00 EST ON MAR 07	13.6 ON MAR 07	0.765 ON SEP 29	112 000	1946
1947	30.6 AT 18:00 EST ON APR 11	23.8 ON APR 11	0.708 ON SEP 01	132 000	1947
1948	20.4 AT 18:00 EST ON MAR 19	16.9 ON MAR 22	0.906 ON MAR 14	104 000	1948
1949	22.1B AT 12:00 EST ON DEC 22	16.4 ON MAR 28	0.963 ON SEP 04	127 000	1949
1950	31.7 AT 18:00 EST ON APR 04 *	25.3 ON APR 04	1.93 ON OCT 08	155 000	1950
1951	29.2 AT 22:30 EST ON APR 25	23.5 ON APR 26	---	---	1951
				120 000	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

BEAVERTON RIVER NEAR BEAVERTON - STATION NO. 02EC011

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1966	---	---	---	---	---	---	---	---	---	0.030	0.336	2.29	---	1966
1967	1.77	1.08	3.06	7.09	1.92	1.98	2.98	1.51	0.641	2.94	4.67	4.39	2.93	1967
1968	1.62	3.49	12.1	6.08	1.87	0.713	0.361	0.400	0.433	0.595	1.52	2.71	2.66	1968
1969	1.42	2.46	9.05	10.7	5.12	0.962	0.366	0.275	0.322	0.586	1.36	1.04	2.80	1969
1970	0.469	0.511	1.34	12.5	2.32	0.676	1.30	1.05	1.44	1.88	2.41	2.09	2.32	1970
1971	1.04	0.795	2.67	16.4	2.33	0.682	1.11	0.412	0.653	0.749	0.718	1.63	2.42	1971
1972	0.856	0.746	1.04	16.7	3.90	1.52	0.509	0.419	0.419	1.75	3.36	2.62	2.80	1972
1973	4.22	2.79	15.6	8.45	3.55	0.624	0.304	0.406	0.346	0.483	3.61	2.69	3.59	1973
1974	3.20	2.24	8.38	9.57	6.39	0.787	1.61	1.99	1.27	1.64	3.81	1.86	3.57	1974
1975	1.85	4.74	6.09	9.14	2.56	0.404	0.253	0.201	0.242	0.296	0.581	0.906	2.26	1975
1976	0.549	1.11	14.7	6.34	3.02	1.14	1.66	0.938	2.22	2.40	2.05	1.01	3.10	1976
1977	0.643	0.659	12.1	4.01	0.789	0.256	0.269	0.626	1.25	2.32	3.15	1.86	2.52	1977
1978	2.62	1.57	3.19	20.4	3.99	0.662	0.142	0.255	0.675	1.01	1.34	1.05	4.06	1978
1979	0.942	0.684	12.2	7.40	3.00	0.645	0.414	0.439	0.437	1.07	1.93	5.49	2.91	1979
1980	2.35	0.777	8.04	9.25	2.05	0.735	1.80	1.17	1.09	1.98	2.78	3.66	2.98	1980
1981	0.968	11.5	4.73	3.35	1.61	0.541	1.03	0.817	1.72	2.39	3.04	1.98	2.81	1981
1982	0.801	0.722	4.46	13.4	1.81	1.74	0.710	0.638	1.29	1.98	5.86	8.12	3.46	1982
1983	3.04	3.38	5.68	5.47	4.70	0.770	0.213	0.297	0.236	0.302	1.82	1.26	2.27	1983
1984	0.616	8.11	7.36	7.89	3.29	0.497	0.248	0.156	0.344	0.428	1.38	2.34	2.70	1984
1985	1.75	8.00	13.3	7.99	1.62	0.671	1.05	0.575	1.57	1.89	6.92	3.22	4.01	1985
1986	2.20	1.47	10.5	6.27	2.98	2.04	0.654	1.46	8.49	6.77	5.67	5.52	3.97	1986
1987	1.54	0.872	8.60	7.17	1.10	0.528	2.88	0.909	0.495	1.50	3.37	5.09	2.85	1987
1988	2.72	2.41	4.72	5.59	2.20	0.255	0.095	0.186	0.247	0.928	2.54	1.20	1.92	1988
1989	1.51	1.34	5.20	4.65	3.94	1.51	0.511	0.243	0.290	0.899	2.89	1.04	2.00	1989
1990	2.17	2.66	12.8	5.55	2.45	1.03	0.433	0.255	0.305	1.78	2.55	4.04	3.01	1990
MEAN	1.71	2.67	7.79	8.80	2.85	0.890	0.871	0.647	1.10	1.53	2.71	2.76	2.87	MEAN

LOCATION - LAT 44 23 49 N DRAINAGE AREA, 282 km²
LONG 079 04 16 W NATURAL FLOW

BEAVERTON RIVER NEAR BEAVERTON - STATION NO. 02EC011

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1966	---	---	---	---	1966
1967	23.1 AT 07:30 EST ON DEC 22	19.4R ON APR 03	0.450 ON SEP 18	92 300	1967
1968	47.0 AT 04:00 EST ON MAR 27	37.1R ON MAR 27	0.079 ON SEP 01	84 200	1968
1969	45.0B AT 08:35 EST ON MAR 21	41.3B ON MAR 21	0.193 ON AUG 15	88 400	1969
1970	54.6B AT 13:30 EST ON APR 09	29.7RB ON APR 09	0.207 ON JUN 15	73 300	1970
1971	39.8 AT 22:30 EST ON APR 11	36.0B ON APR 10	0.241 ON JUN 20	76 400	1971
1972	52.7 AT 19:58 EST ON APR 17	44.7B ON APR 15	0.323 ON SEP 05	88 600	1972
1973	51.3 AT 00:40 EST ON MAR 08	37.4 ON MAR 08	0.184 ON JUL 24	113 000	1973
1974	---	56.6B ON MAR 05	0.328 ON JUN 28	113 000	1974
1975	58.9 AT 09:11 EST ON APR 19	48.1B ON FEB 25	0.113 ON JUL 18	71 200	1975
1976	60.0B AT 05:29 EST ON MAR 21	42.7B ON MAR 21	0.382B ON FEB 09	98 100	1976
1977	63.4 AT 11:45 EST ON MAR 13	52.7 ON MAR 13	0.159 ON JUL 28	79 300	1977
1978	49.6 AT 22:03 EST ON APR 11	40.2 ON APR 12	0.091 ON JUL 15	96 500	1978
1979	49.9 AT 05:30 EST ON MAR 25	40.7 ON MAR 25	0.258 ON JUL 23	91 700	1979
1980	---	33.0B ON MAR 21	0.223 ON JUL 14	94 300	1980
1981	70.5B AT 04:01 EST ON FEB 19	42.0B ON FEB 19	0.350 ON JUN 21	88 500	1981
1982	64.9 AT 19:45 EST ON MAR 31	38.1 ON MAR 31	0.361 ON AUG 19	109 000	1982
1983	13.2 AT 16:03 EST ON MAY 08	11.1B ON FEB 04	0.158 ON JUL 28	71 400	1983
1984	---	31.0B ON FEB 15	0.105 ON AUG 08	85 200	1984
1985	---	46.5B ON FEB 25	0.213 ON JUL 01	127 000	1985
1986	48.8 AT 11:10 EST ON SEP 12	38.0 ON SEP 12	0.358 ON JUL 25	125 000	1986
1987	29.9 AT 09:20 EST ON APR 05	25.7 ON APR 05	0.233 ON SEP 11	89 700	1987
1988	---	15.7B ON MAR 26	0.065 ON JUL 16 *	60 700	1988
1989	---	23.5 ON MAR 29	0.181 ON AUG 31	63 200	1989
1990	83.6 AT 12:39 EST ON MAR 12 *	73.1 ON MAR 12 *	0.188 ON SEP 04	95 000	1990
				90 600	MEAN

B - ICE CONDITIONS
* - EXTREME RECORDED FOR THE PERIOD OF RECORD
R - REVISED SINCE JAN 01 1989

BEETON CREEK NEAR TOTTENHAM - STATION NO. 02ED100

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1968	---	---	---	---	---	---	---	0.210	0.174	0.195	0.330	0.340	---	1968
1969	0.446	0.369	1.21	0.989	0.594	0.297	0.307	0.173	0.163	0.214	0.325	0.276	0.448	1969
1970	0.302	0.324	0.818	1.56	0.433	0.132	0.174	0.200	0.233	0.254	0.360	0.543	0.444	1970
1971	0.322	0.276	0.776	1.34	0.238	0.141	0.124	0.161	0.088	0.113	0.173	0.254	0.333	1971
1972	0.240	0.291	0.435	2.57	0.317	0.346	0.201	0.204	0.164	0.142	0.452	0.344	0.504	1972
1973	1.09	0.666	1.71	1.07	0.646	0.264	0.179	0.177	0.173	0.242	0.456	0.459	0.592	1973
1974	1.18	0.880	1.67	1.33	0.907	0.245	0.279	0.187	0.198	---	---	---	---	1974
1975	0.302	0.746	1.25	1.36	0.565	0.200	0.190	0.186	0.220	0.247	0.319	0.300	0.488	1975
1976	0.278	1.14	1.98	0.812	0.603	---	---	0.308	0.341	0.409	0.321	0.267	---	1976
1977	0.226	0.327	1.89	0.712	0.254	0.189	0.190	0.477	0.514	1.11	0.740	0.853	0.627	1977
1978	0.444	0.462	0.955	2.59	0.792	0.272	0.188	0.266	0.3 9	0.353	0.462	0.454	0.630	1978
1979	0.447	0.330	2.43	1.15	0.714	0.296	0.231	0.267	0.266	0.465	0.872	1.10	0.718	1979
1980	0.609	0.236	1.14	1.54	0.532	0.324	0.598	0.292	0.372	0.535	0.545	0.656	0.617	1980
1981	0.327	1.53	0.732	0.659	0.645	0.374	0.489	0.620	0.634	0.713	0.955	0.542	0.678	1981
1982	0.466	0.282	2.05	1.45	0.476	0.681	0.323	0.271	0.382	0.393	1.03	1.25	0.757	1982
1983	0.607	0.850	0.901	1.08	0.936	0.353	0.219	0.237	0.244	0.282	0.449	0.442	0.548	1983
1984	0.243	1.56	1.17	0.914	0.535	0.344	0.223	0.134	0.260	0.285	0.431	0.463	0.542	1984
1985	0.225	1.09	0.966	1.33	0.409	0.325	0.222	0.290	0.247	0.294	0.667	0.408	0.534	1985
1986	0.344	0.354	2.53	1.35	0.553	0.619	0.922	0.439	3.47	0.820	0.393	0.378	1.01	1986
MEAN	0.450	0.652	1.37	1.32	0.564	0.318	0.298	0.268	0.445	0.403	0.516	0.527	0.592	MEAN

LOCATION - LAT 44 02 56 N LONG 079 48 10 W DRAINAGE AREA, 86 km² REGULATED

REMARKS - REGULATION BY SMALL MILLS. NO DATA PUBLISHED FOR 1987

BEETON CREEK NEAR TOTTENHAM - STATION NO. 02ED100

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1968	---	---	---	---	1968
1969	---	7.19 ON MAR 21	0.014 ON AUG 30 *	14 100	1969
1970	6.91 AT 23:00 EST ON APR 08	6.09 ON APR 08	0.034 ON JUL 08	14 000	1970
1971	7.65E AT 16:30 EST ON APR 02	5.66E ON APR 02	0.071 ON JUL 04	10 500	1971
1972	19.8 E AT 18:48 EST ON APR 13	15.1 E ON APR 13	0.108B ON JAN 06	15 900	1972
1973	8.89 AT 17:39 EST ON JAN 19	5.55 ON JAN 19	0.096 ON JUN 15	18 700	1973
1974	22.7 AT 02:46 EST ON MAR 05 *	14.0 ON MAR 05	0.099 ON JUL 17	---	1974
1975	16.3 AT 05:41 EST ON APR 19	9.97 ON APR 19	0.139 ON SEP 22	15 400	1975
1976	9.51 AT 23:47 EST ON MAR 20	8.72 ON MAR 20	---	---	1976
1977	13.5 AT 20:25 EST ON MAR 09	8.61 ON MAR 09	0.113 ON JUN 24	19 800	1977
1978	14.7 AT 20:47 EST ON APR 07	10.6 ON APR 07	0.164 ON JUL 11	19 900	1978
1979	---	17.0 ON MAR 05 *	0.133 ON SEP 26	22 700	1979
1980	---	7.08 ON MAR 21	0.048 ON JUL 08	19 500	1980
1981	---	8.10 ON FEB 20	0.250 ON JUN 09	21 400	1981
1982	15.0 AT 06:50 EST ON MAR 31	13.2 ON MAR 31	0.205 ON SEP 11	23 900	1982
1983	7.51 AT 14:32 EST ON FEB 03	5.93 ON FEB 03	0.173 ON AUG 17	17 300	1983
1984	16.9 AT 10:30 EST ON FEB 14	13.8 ON FEB 14	0.027 ON AUG 17	17 100	1984
1985	---	10.0 E ON FEB 24	0.134 ON JAN 16	16 800	1985
1986	---	10.8 E ON MAR 19	0.143 ON SEP 09	32 000	1986
				18 700	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

BELL RIVER ABOVE STURGEON LAKE - STATION NO. 05QA005

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1973	---	---	---	---	---	---	---	2.05	2.01	1.81	1.46	1.44	---	1973
1974	1.33	1.36	1.19	1.44	4.82	7.67	4.73	2.81	2.14	1.71	1.67	1.52	2.70	1974
1975	1.53	1.33	1.22	1.18	1.79	2.07	1.52	1.07	0.866	0.789	0.773	0.758	1.24	1975
1976	0.775	0.746	0.788	1.65	1.87	1.40	1.04	0.634	0.211	0.083	0.098	0.161	0.787	1976
1977	0.223	0.327	0.471	0.720	1.11	1.23	1.45	0.757	1.21	0.954	1.08	1.45	0.919	1977
1978	1.31	1.09	0.934	1.15	2.19	3.56	2.76	2.02	1.40	1.07	0.740	0.768	1.58	1978
MEAN	1.03	0.971	0.921	1.23	2.36	3.19	2.30	1.56	1.31	1.07	0.970	1.02	1.45	MEAN

LOCATION - LAT 49 53 10 N LONG 090 55 50 W DRAINAGE AREA, 189 km² NATURAL FLOW

BELL RIVER ABOVE STURGEON LAKE - STATION NO. 05QA005

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1973	---	---	---	---	1973
1974	---	9.32 ON JUN 08 *	1.07 B ON APR 01	85 300	1974
1975	2.36 AT 07:46 CST ON JUN 14	2.34 ON JUN 14	0.725 ON DEC 12	39 100	1975
1976	2.52 AT 01:42 CST ON APR 19	2.46 ON APR 19	0.031 ON NOV 17 *	24 900	1976
1977	1.83 AT 23:00 CST ON JUL 19	1.72 ON JUL 19	0.184 ON JAN 01	29 000	1977
1978	4.22 AT 18:21 CST ON JUN 08 *	4.11 ON JUN 08	0.697 ON NOV 15	50 000	1978
				45 700	MEAN

B - ICE CONDITIONS
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

BENNET CREEK AT SAULT STE. MARIE - STATION NO. 02BF003

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1971	---	---	---	1.83	0.655	0.159	0.069	0.032	0.121	0.289	0.436	0.405	---	1971
1972	0.170	0.123	0.167	1.56	1.07	0.053	0.030	0.129	0.068	0.232	0.312	0.127	0.336	1972
1973	0.525	0.446	1.37	0.811	0.553	0.386	0.316	0.188	0.161	0.360	0.734	0.216	0.489	1973
1974	0.050	0.034	0.153	1.46	0.317	0.466	0.100	0.408	0.327	0.363	0.668	0.135	0.372	1974
1975	0.189	0.116	0.235	1.34	0.939	0.544	0.078	0.029	0.205	0.134	0.408	0.430	0.387	1975
1976	0.073	0.068	0.881	1.82	0.197	0.076	0.022	0.021	0.022	0.050	0.065	0.041	0.260	1976
1977	0.035	0.034	1.07	1.83	0.162	0.101	0.301	0.229	0.449	0.455	0.889	0.237	0.483	1977
1978	0.090	---	---	---	---	---	---	---	---	---	---	---	---	1978
MEAN	0.162	0.100	0.613	1.52	0.556	0.255	0.131	0.148	0.193	0.269	0.502	0.227	0.388	MEAN

LOCATION - LAT 46 31 53 N LONG 084 23 51 W DRAINAGE AREA, 18.6 km² NATURAL FLOW

BENNET CREEK AT SAULT STE. MARIE - STATION NO. 02BF003

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1971	4.42 AT 04:21 EST ON APR 20	3.94 ON APR 20	0.007 ON SEP 04	---	1971
1972	6.99 AT 05:05 EST ON MAY 03	5.78 ON MAY 02	0 ON JUL 01 *	10 600	1972
1973	5.66 AT 03:24 EST ON NOV 22	3.79 ON NOV 22	0 E ON AUG 12	15 400	1973
1974	---	3.79 ON APR 22	0.006 ON JUL 25	11 700	1974
1975	10.5 AT 09:55 EST ON MAY 01 *	7.84 ON MAY 01 *	0.015 ON AUG 20	12 200	1975
1976	---	4.25B ON MAR 28	0.005E ON AUG 26	8 210	1976
1977	6.00 AT 00:18 EST ON APR 19	4.47 ON APR 18	0.017 ON JUN 16	15 200	1977
1978	---	---	---	---	1978
				12 200	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

BERENS RIVER ABOVE BERENS LAKE - STATION NO. 05RC001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1980	15.9	11.3	9.75	54.8	104	34.5	21.2	13.1	23.0	38.5	23.7	13.1	30.3	1980
1981	8.80	6.56	7.46	15.5	56.3	86.7	31.6	12.0	25.6	50.7	48.8	27.0	31.5	1981
1982	17.4	14.7	12.3	23.1	198	155	69.6	64.1	28.9	34.4	31.2	26.8	59.2	1982
1983	15.2	11.2	9.91	17.3	48.3	86.9	116	32.0	15.2	24.1	29.4	19.6	35.7	1983
1984	14.5	12.2	8.81	54.9	139	114	52.2	25.2	16.2	33.9	45.4	26.7	45.3	1984
1985	17.6	13.1	10.4	44.6	150	161	157	134	83.7	92.3	48.7	24.3	78.4	1985
1986	16.7	13.4	11.3	26.8	187	46.0	27.3	31.7	36.3	66.1	41.0	26.5	50.3	1986
1987	10.4	13.8	11.0	127	84.3	68.5	21.2	12.5	9.28	8.56	10.6	8.26	32.7	1987
1988	6.55	5.73	5.21	12.2	62.4	24.6	21.1	10.3	14.8	27.5	23.4	19.3	19.5	1988
1989	12.4	9.07	7.30	11.4	107	95.9	73.2	44.3	31.0	24.9	18.5	13.2	37.5	1989
1990	10.9	9.66	9.17	76.1	173	87.2	38.4	16.9	16.9	21.8	20.7	16.2	41.6	1990
MEAN	14.0	11.0	9.33	48.5	119	87.3	57.2	36.0	27.4	38.5	31.0	19.7	41.7	MEAN

LOCATION - LAT 51 48 45 N LONG 093 31 00 W DRAINAGE AREA, 5 730 km² NATURAL FLOW

BERENS RIVER ABOVE BERENS LAKE - STATION NO. 05RC001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1980	192 AT 16:26 CST ON APR 30	191 ON APR 30	9.65B ON MAR 17	959 000	1980
1981	133 AT 13:14 CST ON JUN 20	133 ON JUN 20	6.19B ON FEB 24	993 000	1981
1982	264 AT 15:56 CST ON MAY 21	262 ON MAY 21	10.2 B ON APR 06	1 770 000	1982
1983	214 AT 01:20 CST ON JUN 29	213 ON JUN 29	9.02B ON APR 07	1 120 000	1983
1984	168 AT 18:29 CST ON JUN 10	167 ON JUN 10	6.51B ON APR 04	1 430 000	1984
1985	355 AT 17:46 CST ON JUN 30 *	354 ON JUN 30 *	9.42B ON APR 04	2 470 000	1985
1986	323 AT 19:11 CST ON MAY 01	320 ON MAY 01	10.3 B ON MAR 20	1 590 000	1986
1987	238 AT 15:00 CST ON APR 21	236 ON APR 21	7.08B ON DEC 31	1 030 000	1987
1988	93.6 AT 23:40 CST ON MAY 09	92.8 ON MAY 10	4.97B ON MAR 17 *	617 000	1988
1989	138 AT 18:50 CST ON JUN 28	137 ON JUN 28	6.52B ON APR 15	1 180 000	1989
1990	266 AT 17:07 CST ON APR 27	265 ON APR 27	9.10B ON MAR 13	1 310 000	1990
				1 320 000	MEAN

B - ICE CONDITIONS
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

BERRY CREEK AT THE OUTLET OF BERRY LAKE - STATION NO. 05PD026

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1979	1.92	2.27	2.42	6.97	20.8	10.3	3.37	1.41	1.22	1.21	1.54	1.30	4.58	1979
1980	1.35	1.39	1.31	2.57	1.72	0.731	1.21	1.71	1.34	1.47	1.57	1.64	1.50	1980
1981	1.45	1.37	1.46	1.81	1.39	2.80	7.98	2.47	2.08	5.26	3.39	2.98	2.89	1981
1982	3.40	2.91	2.74	8.47	14.0	8.62	10.3	3.87	1.35	5.03	3.36	2.57	5.58	1982
1983	3.36	2.88	3.34	4.91	7.41	4.81	4.82	1.01	0.756	0.994	1.09	1.22	3.30	1983
1984	1.23	1.34	1.11	1.88	1.70	2.65	2.23	0.696	0.542	1.68	1.97	1.86	1.57	1984
1985	1.67	1.57	1.53	9.04	27.0	12.0	9.67	4.01	5.65	6.20	2.48	2.57	7.00	1985
1986	2.63	2.75	2.69	9.82	21.7	4.86	4.35	1.56	0.971	0.978	1.47	1.29	4.60	1986
1987	1.22	1.23	1.70	5.62	4.29	5.99	0.734	0.804	0.491	0.940	0.479	0.338	1.93	1987
1988	0.392	0.393	0.609	1.15	0.741	0.968	2.61	0.417	0.146	0.093	0.307	0.378	0.686	1988
1989	0.657	0.620	0.580	2.55	10.9	11.7	9.72	3.99	0.858	0.085	0.017	0.015	3.49	1989
1990	0.645	0.520	0.712	0.733	1.48	9.20	7.45	0.566	0.055	0.047	0.028	0.023	1.79	1990
MEAN	1.66	1.60	1.68	4.63	9.43	6.47	5.37	1.88	1.29	1.95	1.48	1.35	3.24	MEAN

LOCATION - LAT 49 26 30 N LONG 093 59 00 W DRAINAGE AREA, 744 km² REGULATED SINCE 1978

REMARKS - STATION MOVED BELOW CONTROL DAM 1981. DOWNSTREAM CONTROL ALTERED BY BRIDGE CONSTRUCTION 1984.

BERRY CREEK AT THE OUTLET OF BERRY LAKE - STATION NO. 05PD026

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1979	27.2 AT 13:41 CST ON MAY 02	27.0 ON MAY 02	0.759 ON OCT 27	144 000	1979
1980	4.31 AT 20:11 CST ON APR 17	3.99 ON APR 25	0.403 ON JUN 20	47 400	1980
1981	15.9 AT 11:00 CST ON JUL 06	15.0 ON JUL 07	0.470 ON MAY 20	91 000	1981
1982	22.1 AT 10:11 CST ON APR 27	20.0 ON APR 28	0.550A ON JUN 29	176 000	1982
1983	11.4 AT 13:29 CST ON JUN 30	10.4 ON JUL 01	0.550 ON SEP 24	104 000	1983
1984	4.33 AT 21:07 CST ON JUL 13	3.80 ON JUN 27	0.204 ON SEP 02	49 800	1984
1985	32.4 AT 17:09 CST ON MAY 17	32.0 ON MAY 17	0.256 ON NOV 20	221 000	1985
1986	35.3 AT 13:28 CST ON MAY 05 *	31.7 ON MAY 05 *	0.728A ON SEP 16	145 000	1986
1987	---	9.08E ON JUN 06	0.209 ON JUL 04	60 900	1987
1988	8.36 AT 10:00 CST ON JUL 19	6.99 ON JUL 20	0.055 ON OCT 31	21 700	1988
1989	16.6 AT 09:28 CST ON JUN 15	16.2 ON JUN 16	0.013 ON DEC 28	110 000	1989
1990	21.6 AT 13:45 CST ON JUN 26	20.0 ON JUN 26	0.012 ON JAN 03 *	56 500	1990
	A - MANUAL GAUGE (SEE REFERENCE INDEX) E - ESTIMATED	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		102 000	MEAN

BIG CARP RIVER NEAR SAULT STE. MARIE - STATION NO. 02BF004

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1979	---	---	---	---	---	---	---	---	0.449	2.31	1.72	0.623	---	1979
1980	0.616	0.283	0.224	3.65	0.300	0.559	0.164	0.198	0.218	0.597	0.748	0.389	0.658	1980
1981	0.169	0.662	1.91	3.19	0.514	0.809	0.190	0.151	0.086	0.629	0.467	0.455	0.766	1981
1982	0.224	0.180	0.249	3.81	1.61	0.184	0.084	0.092	0.939	1.15	1.44	1.51	0.955	1982
1983	0.488	0.260	1.37	2.02	1.24	0.727	0.103	0.083	0.105	0.547	0.796	0.415	0.680	1983
1984	0.249	0.291	0.308	1.33	0.491	0.525	0.346	0.244	1.14	0.920	1.66	1.18	0.721	1984
1985	0.378	0.304	1.34	5.36	1.24	0.609	0.130	0.183	0.588	0.743	1.24	0.446	1.04	1985
1986	0.256	0.188	0.850	3.42	0.292	0.957	0.170	0.359	1.23	1.20	0.869	0.607	0.864	1986
1987	0.296	0.187	1.87	0.847	0.476	0.170	0.333	0.545	0.261	1.73	1.62	1.79	0.850	1987
1988	0.272	0.215	1.98	5.69	0.452	0.066	0.038	0.401	0.353	1.92	3.44	0.755	1.29	1988
1989	0.444	0.282	0.786	3.93	0.681	0.333	0.037	0.037	0.055	0.105	0.385	0.159	0.599	1989
1990	0.119	0.162	2.07	2.74	1.20	0.383	0.158	0.080	0.216	1.08	1.20	0.537	0.830	1990
MEAN	0.319	0.274	1.18	3.27	0.772	0.484	0.159	0.216	0.470	1.08	1.30	0.739	0.841	MEAN

LOCATION - LAT 46 31 02 N LONG 084 27 52 W DRAINAGE AREA, 51.5 km²

BIG CARP RIVER NEAR SAULT STE. MARIE - STATION NO. 02BF004

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1979	---	---	---	---	1979
1980	21.6 AT 02:03 EST ON APR 09	17.6 ON APR 09	0.067E ON AUG 06	20 800	1980
1981	18.3 AT 15:36 EST ON APR 04	15.2 ON APR 04	0.043 ON SEP 06	24 200	1981
1982	17.0 AT 09:03 EST ON APR 26	15.4 ON APR 26	0.032 ON JUL 29	30 100	1982
1983	15.4 AT 22:36 EST ON APR 14	8.27 ON APR 15	0.034 ON SEP 04	21 400	1983
1984	15.8 AT 10:44 EST ON SEP 13	11.8 ON SEP 13	0.060 ON AUG 21	22 800	1984
1985	---	13.4 E ON APR 23	0.052 ON AUG 04	32 900	1985
1986	---	10.6 ON JUN 12	0.064 ON SEP 03	27 200	1986
1987	11.9 AT 06:12 EST ON DEC 10	9.00 ON DEC 10	0.035 ON JUL 07	26 800	1987
1988	26.5 AT 15:36 EST ON APR 06 *	24.6 ON APR 06 *	0.025E ON JUL 12	40 900	1988
1989	---	7.20B ON MAR 30	0.018 ON JUL 25 *	18 900	1989
1990	10.5 AT 05:22 EST ON APR 23	9.60B ON MAR 16	0.027E ON SEP 03	26 200	1990
	B - ICE CONDITIONS E - ESTIMATED	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		26 600	MEAN

BIG CREEK NEAR DELHI - STATION NO. 02GC006

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1955	---	---	---	---	---	---	---	---	---	2.20	3.16	3.37	---	1955
1956	2.25	3.63	14.0	8.15	11.3	2.60	1.98	2.27	5.40	2.57	2.15	4.05	5.04	1956
1957	4.80	4.87	6.76	7.98	3.95	1.73	2.26	1.75	2.03	2.14	3.76	8.44	4.20	1957
1958	3.56	4.77	6.23	4.99	1.95	1.98	1.55	1.10	1.48	1.74	1.97	1.90	2.57	1958
1959	3.51	4.48	10.6	7.15	3.76	1.87	0.760	1.51	1.70	2.17	3.47	5.05	3.84	1959
1960	3.13	4.80	6.31	16.4	6.53	3.18	1.74	1.69	1.23	1.48	1.78	1.53	4.13	1960
1961	1.42	3.09	6.14	5.79	4.63	2.82	1.61	1.93	1.28	1.34	2.00	1.74	2.63	1961
1962	2.30	2.11	7.69	3.78	1.91	1.46	0.973	1.41	1.31	1.70	3.47	2.98	2.60	1962
1963	1.64	1.62	7.41	4.91	3.10	1.39	0.900	1.07	1.02	1.00	1.14	1.06	2.19	1963
1964	1.41	1.50	3.63	4.40	3.09	1.48	1.18	2.80	1.76	1.43	1.45	2.56	2.21	1964
1965	3.53	9.58	13.5	12.4	3.12	1.63	1.18	1.17	1.19	1.78	2.35	3.56	4.55	1965
1966	2.71	4.07	6.87	4.54	3.43	2.08	0.951	1.25	1.36	1.32	2.09	6.79	3.43	1966
1967	4.16	3.49	5.57	7.53	4.33	2.22	2.20	1.83	1.52	1.75	2.75	4.11	3.43	1967
1968	3.49	9.19	6.25	3.98	2.43	3.15	2.13	1.53	1.74	1.56	2.30	3.88	3.45	1968
1969	8.73	5.67	4.54	9.13	6.17	3.14	1.63	1.18	1.23	1.43	1.92	1.98	3.88	1969
1970	1.61	2.32	4.43	5.57	2.78	1.50	1.52	0.921	1.29	1.71	3.28	4.73	2.64	1970
1971	3.06	3.46	8.96	5.58	2.11	1.28	0.717	0.735	0.963	0.975	1.00	1.66	2.54	1971
1972	2.50	1.71	9.60	9.83	4.48	2.63	2.98	2.54	1.59	2.06	3.32	4.87	3.96	1972
1973	8.23	4.08	14.2	7.85	4.27	4.72	1.75	1.36	1.16	1.51	4.66	5.13	4.50	1973
1974	7.36	6.50	8.90	6.78	6.59	3.34	2.09	1.65	1.49	1.66	2.50	2.70	4.29	1974
1975	3.70	4.93	8.71	6.90	3.23	2.73	1.16	1.53	3.27	2.63	3.24	4.87	3.91	1975
1976	4.04	10.9	14.7	7.12	7.89	3.99	1.99	2.66	1.93	2.96	2.29	2.17	5.13	1976
1977	1.74	1.91	10.3	6.61	3.04	1.95	1.34	1.42	4.70	2.52	4.65	6.63	4.42	1977
1978	4.75	3.28	10.9	11.9	8.29	3.43	1.10	1.61	1.90	2.55	2.43	3.40	4.26	1978
1979	3.48	2.55	10.5	12.2	5.26	2.91	1.82	2.10	1.77	2.15	2.49	4.46	4.74	1979
1980	6.03	2.43	8.05	10.2	4.99	3.21	2.11	2.07	2.67	3.53	3.00	4.28	4.39	1980
1981	2.45	10.0	5.47	5.09	3.80	2.37	1.03	1.97	5.45	4.44	4.16	3.27	4.20	1981
1982	3.39	2.03	14.0	11.5	3.70	6.06	1.75	1.65	2.06	2.27	5.38	8.90	5.24	1982
1983	5.10	6.20	4.94	6.55	6.76	3.44	2.01	7.55	2.76	2.67	3.86	8.12	5.00	1983
1984	3.54	13.3	8.26	9.33	5.92	7.26	3.45	1.58	2.42	1.77	3.22	4.29	5.31	1984
1985	4.82	8.56	16.5	10.4	3.93	2.91	1.68	1.62	3.09	5.24	14.2	8.76	6.87	1985
1986	5.99	4.71	12.9	7.35	5.51	3.53	2.26	2.03	2.57	5.68	4.04	7.64	5.36	1986
1987	2.08	3.37	9.73	7.89	4.75	1.89	1.43	1.36	1.43	1.64	2.08	4.10	3.31	1987
1988	2.46	3.51	7.17	4.71	3.08	1.54	2.07	5.17	2.16	3.71	6.24	4.61	3.69	1988
1989	4.44	2.86	4.34	5.71	3.28	3.36	1.49	1.07	1.38	1.64	3.66	2.49	2.98	1989
1990	6.55	9.58	9.77	6.15	5.29	3.14	3.28	1.72	1.85	2.75	3.98	8.22	5.17	1990
MEAN	3.83	4.83	8.59	7.57	4.37	2.67	1.77	1.89	2.06	2.39	3.38	4.53	3.99	MEAN

LOCATION - LAT 42 50 15 N DRAINAGE AREA, 363 km²
LONG 080 30 36 W REGULATED

BIG CREEK NEAR DELHI - STATION NO. 02GC006

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1955	---	---	---	---	1955
1956	59.4 AT 08:00 EST ON MAR 08	46.2 ON MAR 08	0.170 ON AUG 19	159 000	1956
1957	34.5 AT 15:00 EST ON APR 07	30.0 ON APR 07	0.906 ON AUG 24	133 000	1957
1958	---	8.16 ON MAR 25	0.425 ON AUG 05	81 200	1958
1959	---	22.2 B ON MAR 21	0.283 ON AUG 05	121 000	1959
1960	97.9 AT 08:00 EST ON MAR 31	91.2 ON MAR 31	0.968 ON JUL 13	131 000	1960
1961	---	10.3 ON APR 26	0.708 ON JUL 24	82 800	1961
1962	---	25.1 ON MAR 13	0.515 ON JUL 11	81 900	1962
1963	---	19.0 ON MAR 28	0.399 ON JUL 12	69 100	1963
1964	11.2 AT 16:00 EST ON APR 08	8.41 ON APR 08	0.331 ON AUG 01	69 900	1964
1965	148 AT 02:00 EST ON MAR 07 *	106 ON MAR 06 *	0.306 ON JUL 30	143 000	1965
1966	24.9 AT 23:30 EST ON DEC 10	21.5 ON DEC 11	0.422 ON JUL 20	98 500	1966
1967	26.2 AT 16:30 EST ON APR 04	18.1 ON APR 04	1.02 ON AUG 02	108 000	1967
1968	41.4 AT 11:00 EST ON FEB 03	34.4 ON FEB 03	1.08 E ON JUL 31	109 000	1968
1969	61.7 AT 18:20 EST ON JAN 31	51.3 ON JAN 31	0.796 ON AUG 15	122 000	1969
1970	14.0 AT 20:03 EST ON APR 04	13.0 ON APR 04	0.504 ON AUG 10	83 200	1970
1971	26.4 AT 09:30 EST ON MAR 17	22.7 ON MAR 17	0.150 ON AUG 06	80 100	1971
1972	20.0 AT 15:52 EST ON APR 18	18.1 ON MAR 23	1.12 ON JUN 18	125 000	1972
1973	37.9 AT 03:32 EST ON MAR 16	31.1 ON MAR 16	0.637 ON JUL 19	142 000	1973
1974	43.0 AT 15:20 EST ON JAN 28	30.6 E ON MAR 06	1.13 ON AUG 26	135 000	1974
1975	24.0 AT 07:15 EST ON MAR 21	21.9 ON MAR 21	0.711 ON JUL 27	121 000	1975
1976	62.9 AT 23:36 EST ON MAR 06	49.0 ON MAR 06	1.36 E ON SEP 07	162 000	1976
1977	33.7 AT 18:17 EST ON MAR 14	28.6 ON MAR 14	0.487 ON JUL 21	139 000	1977
1978	43.9 AT 04:04 EST ON MAR 24	40.8 ON MAR 24	0.433 ON JUL 21	114 000	1978
1979	53.0 AT 13:21 EST ON APR 15	50.0 E ON MAR 05	0.986 ON JUL 20	149 000	1979
1980	45.4 AT 00:39 EST ON MAR 23	33.5 ON MAR 22	0.900 ON JUL 21	139 000	1980
1981	32.1 AT 08:09 EST ON FEB 20	31.1 ON FEB 20	0.014 ON JUL 18 *	129 000	1981
1982	49.5 AT 18:42 EST ON APR 01	38.7 ON APR 01	0.161 ON JUL 26	165 000	1982
1983	19.4 AT 12:14 EST ON AUG 11	15.5 ON AUG 03	0.200 ON JUL 19	158 000	1983
1984	47.0 AT 21:04 EST ON FEB 15	43.8 ON FEB 15	0.651 ON AUG 26	168 000	1984
1985	59.8 AT 03:26 EST ON FEB 26	57.0 ON FEB 26	0.242 ON AUG 02	217 000	1985
1986	36.8 AT 23:52 EST ON MAR 20	29.7 ON MAR 20	1.17 ON JUL 11	169 000	1986
1987	26.3 AT 07:00 EST ON APR 07	25.9 ON APR 07	0.664 ON JUL 22	104 000	1987
1988	---	22.0 E ON AUG 02	0.413 ON JUL 12	117 000	1988
1989	9.68 AT 10:36 EST ON APR 06	9.47 ON APR 06	0.712 ON AUG 11	93 900	1989
1990	49.6 AT 13:20 EST ON DEC 31	43.0 ON DEC 31	1.20 ON AUG 03	163 000	1990
				126 000	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

BIG CREEK NEAR KELVIN - STATION NO. 02GC011

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1963	---	---	---	---	---	---	---	---	---	0.085	0.120	0.110	---	1963
1964	0.222	0.244	1.74	1.92	1.15	0.272	0.292	0.929	0.424	0.192	0.220	0.894	0.711	1964
1965	1.13	4.01	4.22	5.12	1.02	0.184	0.102	0.066	0.079	0.255	0.609	1.46	1.50	1965
1966	1.03	1.66	3.21	1.92	1.15	0.468	0.061	0.083	0.103	0.105	0.432	2.85	1.09	1966
1967	1.65	0.843	2.82	3.84	1.46	0.353	0.520	0.150	0.106	0.365	1.06	2.22	1.28	1967
1968	0.721	4.73	3.37	1.48	0.671	0.883	0.441	0.121	0.237	0.315	0.826	1.71	1.28	1968
1969	4.17	2.38	2.53	4.39	2.53	0.892	0.161	0.064	0.062	0.108	0.326	0.431	1.50	1969
1970	0.284	0.716	2.41	2.85	1.02	0.311	0.211	0.161	0.130	0.319	1.21	2.17	0.983	1970
1971	0.909	1.57	5.56	2.73	0.703	0.270	0.081	0.080	0.101	0.113	0.140	0.547	1.07	1971
1972	0.814	0.437	4.84	4.80	1.64	0.710	0.970	1.30	0.196	0.611	2.02	2.45	1.74	1972
1973	3.03	1.74	7.48	3.58	1.57	0.649	0.515	0.242	0.074	0.207	2.68	2.71	2.05	1973
1974	4.46	2.95	4.37	3.26	2.93	1.09	0.500	0.151	0.128	0.162	0.744	1.01	1.81	1974
1975	1.81	2.67	4.56	3.27	1.07	0.789	0.159	0.276	1.47	0.842	1.27	2.31	1.70	1975
1976	1.45	6.68	7.79	2.92	2.97	0.793	1.58	0.842	0.338	0.512	0.724	0.719	2.26	1976
1977	0.250	0.336	6.21	2.65	0.824	0.347	0.202	0.227	1.71	2.64	2.00	4.91	1.87	1977
1978	1.43	0.931	6.46	---	---	---	---	---	---	---	---	---	---	1978
MEAN	1.56	2.13	4.50	3.20	1.48	0.572	0.414	0.335	0.368	0.455	0.959	1.77	1.49	MEAN

LOCATION - LAT 42 59 12 N LONG 080 26 42 W
DRAINAGE AREA, 142 km²
REGULATED

REMARKS - REGULATION BY PUMPING DURING SUMMER MONTHS

BIG CREEK NEAR KELVIN - STATION NO. 02GC011

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1963	---	---	---	---	1963
1964	4.13 AT 18:00 EST ON APR 07	3.94 ON APR 08	0.042 ON AUG 01	22 500	1964
1965	54.1 AT 01:00 EST ON FEB 11	36.2 ON FEB 11	0.006 ON JUL 31	47 300	1965
1966	15.9 AT 08:00 EST ON DEC 11	11.8 ON DEC 11	0 ON JUL 21 *	34 300	1966
1967	26.2 AT 14:00 EST ON APR 03	15.4 ON APR 03	0.068 ON SEP 15	40 500	1967
1968	53.0 AT 19:00 EST ON FEB 02	35.1 ON FEB 02	0.091 ON JUL 30	40 400	1968
1969	62.0 AT 04:30 EST ON JAN 31 *	43.0 ON JAN 31 *	0.015 ON AUG 19	47 200	1969
1970	11.7 AT 00:14 EST ON APR 04	9.46 ON APR 04	0.071 ON AUG 25	31 000	1970
1971	26.0 AT 07:28 EST ON MAR 16	20.4 ON MAR 16	0 ON AUG 09	33 600	1971
1972	21.4 AT 13:35 EST ON MAR 23	17.4 ON MAR 23	0.142 ON SEP 22	54 900	1972
1973	28.3 AT 07:12 EST ON MAR 15	22.0 ON MAR 15	0.059 ON SEP 04	64 500	1973
1974	44.5 AT 22:59 EST ON JAN 27	27.1 ON JAN 28	0.099 ON AUG 26	57 100	1974
1975	21.7 AT 11:37 EST ON MAR 20	17.6 ON MAR 20	0.054 ON AUG 02	53 600	1975
1976	51.3 AT 06:43 EST ON MAR 06	41.1 ON MAR 06	0.173 ON SEP 09	71 600	1976
1977	27.9 AT 21:36 EST ON MAR 13	18.5 ON MAR 13	0.091 ON JUL 28	59 100	1977
1978	36.8 AT 00:09 EST ON MAR 23	34.3 ON MAR 23	---	---	1978
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		47 000	MEAN

BIG CREEK NEAR PORT ROWAN - STATION NO. 02GC001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1945	---	---	---	---	---	---	---	---	---	13.2	8.74	9.09	---	1945
1946	11.8	11.7	17.0	6.32	6.32	7.02	6.30	5.42	4.25	8.93	4.20	6.05	7.52	1946
1947	12.3	7.62	11.6	19.6	12.1	13.0	6.66	5.66	5.21	3.65	3.65	3.86	8.74	1947
1948	---	---	14.9	10.2	10.7	5.99	---	---	---	---	---	---	---	1948
MEAN	12.1	9.66	14.5	12.0	9.71	8.67	6.48	5.54	4.73	6.93	5.53	6.33	8.13	MEAN

LOCATION - LAT 42 36 00 N LONG 080 31 00 W
DRAINAGE AREA, 699 km²
NATURAL FLOW

BIG CREEK NEAR PORT ROWAN - STATION NO. 02GC001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1945	---	---	---	---	1945
1946	---	28.6 ON MAR 07	3.34 ON OCT 10	237 000	1946
1947	---	36.0 ON APR 07 *	2.94 ON DEC 01 *	275 000	1947
1948	---	---	---	---	1948
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		256 000	MEAN

BIG CREEK NEAR WALSINGHAM - STATION NO. 02GC007

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1955	---	---	---	---	---	---	---	---	---	3.26	5.43	6.39	---	1955
1956	4.72	7.49	16.5	9.43	14.0	4.77	4.37	4.96	7.09	4.69	4.48	6.27	7.40	1956
1957	7.07	7.60	8.88	10.2	6.87	4.52	4.96	3.99	4.94	3.99	7.65	11.5	6.84	1957
1958	6.77	4.87	9.29	7.41	3.99	3.94	2.98	2.17	2.68	2.68	3.25	3.34	4.45	1958
1959	5.97	7.36	17.3	12.4	6.67	5.10	2.14	2.29	2.80	4.59	5.57	8.38	6.71	1959
1960	7.28	7.74	8.70	23.8	12.2	6.03	3.83	3.63	3.32	2.98	3.11	2.69	7.09	1960
1961	2.47	4.18	7.45	10.5	5.95	4.24	2.98	3.17	2.80	2.69	3.03	4.19	4.57	1961
1962	3.72	4.08	11.0	6.00	3.42	2.82	1.80	1.87	2.05	2.63	4.04	6.14	4.10	1962
1963	2.70	2.86	12.2	9.43	4.82	2.82	2.03	2.24	2.08	1.86	2.22	2.44	4.10	1963
1964	3.17	2.49	7.18	8.24	6.84	2.57	2.19	5.67	3.55	2.74	2.72	4.71	4.35	1964
1965	5.83	10.4	22.5	16.1	5.25	2.99	2.25	2.46	2.24	3.94	4.65	5.63	7.00	1965
1966	6.06	7.10	11.1	7.47	6.01	3.95	1.87	2.11	2.51	5.76	4.11	11.2	5.92	1966
1967	7.20	5.88	8.68	12.6	7.84	4.07	3.86	2.84	2.60	5.13	4.40	6.64	5.79	1967
1968	4.62	12.4	9.78	7.21	4.81	5.61	3.97	2.95	3.58	3.26	4.67	7.68	5.85	1968
1969	11.7	12.2	7.26	15.1	11.3	6.19	3.25	2.16	2.19	2.64	4.12	4.56	6.84	1969
1970	3.63	4.98	7.59	9.29	4.95	3.27	2.78	1.84	2.49	3.34	5.96	8.11	4.85	1970
1971	4.75	5.63	14.0	9.67	4.24	3.00	1.83	1.83	2.27	2.34	3.57	3.53	4.54	1971
1972	4.45	3.52	8.18	11.9	7.47	4.43	4.75	3.81	2.74	3.50	5.52	7.72	6.40	1972
1973	8.11	6.56	19.9	11.4	6.56	4.67	3.00	2.36	2.22	2.91	6.82	8.16	6.91	1973
1974	11.8	10.2	14.2	11.5	11.0	5.55	3.96	3.01	2.84	3.16	4.22	5.13	7.20	1974
1975	6.51	8.20	12.9	10.3	5.43	5.11	2.60	2.89	5.69	4.54	5.57	8.10	6.47	1975
1976	6.40	17.7	24.3	11.5	11.5	5.54	6.09	4.15	2.83	3.00	3.13	3.72	8.31	1976
1977	3.12	3.51	16.1	10.9	5.35	3.52	2.84	2.01	0.84	6.97	7.15	12.9	7.19	1977
1978	7.90	5.59	10.2	20.4	8.71	4.58	2.84	3.02	2.52	4.60	4.64	5.83	7.45	1978
1979	7.14	5.63	16.1	17.4	8.03	4.45	2.44	2.85	2.79	4.02	7.27	12.0	7.52	1979
1980	8.74	4.27	12.0	13.9	7.98	5.83	5.09	4.09	5.12	5.77	5.61	6.87	7.12	1980
1981	3.64	13.7	8.45	7.87	6.44	4.90	3.19	3.62	7.50	7.65	6.92	5.99	6.60	1981
1982	4.31	5.60	20.7	16.2	6.89	9.70	4.04	3.34	3.66	4.21	8.26	13.6	8.32	1982
1983	6.34	9.83	7.68	9.87	10.4	5.51	3.58	10.2	4.81	4.54	6.08	11.7	7.73	1983
1984	4.46	19.8	12.5	14.7	9.19	8.96	5.15	3.92	5.54	4.48	5.39	6.14	8.28	1984
1985	7.80	11.9	21.7	14.6	6.03	5.38	3.64	3.36	4.69	7.57	10.9	11.5	9.71	1985
1986	7.95	6.52	16.4	10.8	7.80	5.71	4.08	3.85	4.59	10.3	7.21	13.2	8.22	1986
1987	8.52	5.73	10.2	12.5	5.92	3.68	2.76	2.67	2.75	3.21	4.15	7.62	5.75	1987
1988	4.91	6.07	7.44	6.83	4.70	4.54	4.98	6.41	3.45	4.92	8.29	6.28	5.38	1988
1989	6.18	4.36	6.09	9.03	5.45	5.42	2.78	2.05	2.79	3.23	5.20	3.27	4.65	1989
1990	10.0	13.1	14.5	9.84	8.17	5.08	4.77	3.06	3.19	4.38	5.78	13.0	7.89	1990
MEAN	6.22	7.63	13.0	11.7	7.21	4.75	3.35	3.40	3.67	4.12	5.50	7.39	6.49	MEAN

LOCATION - LAT 42 41 05 N DRAINAGE AREA, 591 km²
LONG 080 32 15 W REGULATED

REMARKS - REGULATION BY PUMPING DURING SUMMER MONTHS

BIG CREEK NEAR WALSINGHAM - STATION NO. 02GC007

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1955	---	---	---	---	1955
1956	---	39.6 ON MAR 11	2.58 ON AUG 03	234 000	1956
1957	---	27.9 ON APR 08	3.00 ON AUG 24	216 000	1957
1958	---	12.8 ON MAR 07	1.70 ON AUG 18	140 000	1958
1959	---	23.4 ON APR 04	1.70 ON AUG 04	212 000	1959
1960	---	86.7 ON APR 01	2.55 B ON DEC 11	224 000	1960
1961	---	19.7 ON APR 28	2.29 B ON FEB 01	144 000	1961
1962	---	28.9B ON MAR 14	1.53 ON JUL 18	129 000	1962
1963	---	27.0B ON MAR 20	1.22 ON JUL 13	149 000	1963
1964	---	21.1 ON MAY 09	1.14 ON AUG 01	138 000	1964
1965	---	173 ON MAR 06 *	1.73 ON JUL 30	221 000	1965
1966	28.9 AT 05:00 EST ON DEC 11	28.6 ON DEC 11	0.957 ON JUL 26	174 000	1966
1967	24.6 AT 18:00 EST ON APR 08	22.2 ON APR 05	2.17 ON AUG 03	183 000	1967
1968	133 B AT 11:30 EST ON FEB 04 *	65.1B ON FEB 04	1.88 ON JUL 31	185 000	1968
1969	91.7 AT 11:14 EST ON FEB 01	81.8 ON JAN 31	1.55 ON AUG 15	216 000	1969
1970	18.0 AT 13:55 EST ON APR 05	17.7 ON APR 05	1.31 ON AUG 11	153 000	1970
1971	31.7 AT 12:14 EST ON FEB 28	29.4 ON FEB 28	0.934 ON AUG 09 *	143 000	1971
1972	38.5B AT 15:03 EST ON MAR 02	28.3B ON MAR 02	2.15 B ON JAN 18	203 000	1972
1973	39.6 AT 13:21 EST ON MAR 17	38.2 ON MAR 17	1.72 ON JUL 20	218 000	1973
1974	57.5 AT 20:18 EST ON JAN 29	40.2 ON JAN 30	2.25 ON AUG 27	227 000	1974
1975	29.4 AT 15:55 EST ON MAR 22	28.3 ON MAR 22	1.53 ON AUG 02	204 000	1975
1976	67.1 AT 18:56 EST ON MAR 07	61.7 ON MAR 07	2.46 ON SEP 09	263 000	1976
1977	39.1 AT 16:30 EST ON MAR 13	38.8 ON MAR 13	1.73 ON JUL 30	227 000	1977
1978	53.8 AT 17:37 EST ON MAR 24	52.4A ON MAR 22	1.51 ON JUL 20	245 000	1978
1979	55.8 AT 11:50 EST ON MAR 06	54.0 ON MAR 06	1.30 ON JUL 25	237 000	1979
1980	40.2 AT 00:16 EST ON MAR 24	37.0 ON MAR 23	2.96 ON AUG 28	225 000	1980
1981	---	33.4 ON FEB 22	1.47 ON JUL 19	208 000	1981
1982	62.9 AT 09:55 EST ON MAR 14	59.2 ON MAR 14	1.92 ON JUL 24	262 000	1982
1983	34.8 AT 03:19 EST ON AUG 13	22.1 ON AUG 12	1.65 E ON JUL 28	244 000	1983
1984	56.8 AT 05:24 EST ON FEB 15	55.8 ON FEB 15	2.86 ON AUG 01	262 000	1984
1985	---	61.4E ON FEB 27	1.94 ON JUL 30	306 000	1985
1986	31.9E AT 06:17 EST ON MAR 22	30.5E ON MAR 22	2.96 ON SEP 09	259 000	1986
1987	---	23.6E ON APR 08	1.60 ON JUL 30	181 000	1987
1988	26.7 AT 20:22 EST ON AUG 03	24.0 ON AUG 03	1.03 ON JUL 13	170 000	1988
1989	14.5 AT 23:52 EST ON APR 04	13.9 ON APR 05	1.59 ON AUG 12	146 000	1989
1990	---	59.7E ON DEC 31	2.09 ON AUG 04	249 000	1990
				205 000	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX) B - ICE CONDITIONS E - ESTIMATED * - EXTREME RECORDED FOR THE PERIOD OF RECORD

BIG OTTER CREEK ABOVE OTTERVILLE - STATION NO. 02GC017

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1964	---	---	---	---	---	---	0.171	0.670	0.249	0.166	0.191	0.635	---	1964
1965	0.794	2.38	3.20	3.95	0.715	0.201	0.168	0.148	0.196	0.362	0.538	1.24	1.15	1965
1966	0.694	1.27	2.56	1.55	0.893	0.423	0.124	0.168	0.177	0.163	0.538	2.29	0.900	1966
1967	1.43	0.619	1.91	2.83	1.11	0.522	0.512	0.225	0.201	0.329	0.711	1.41	0.962	1967
1968	0.605	4.36	2.35	1.04	0.516	0.851	0.411	0.226	0.315	0.341	0.893	1.41	1.07	1968
1969	3.06	1.28	1.78	3.03	1.72	0.794	0.270	0.164	0.184	0.218	0.459	0.420	1.11	1969
1970	0.327	0.512	1.64	1.77	0.610	0.263	0.321	0.135	0.185	0.290	0.913	1.34	0.692	1970
1971	0.571	1.07	3.10	1.66	0.428	0.260	0.104	0.099	0.141	0.184	0.213	0.422	0.686	1971
1972	0.757	0.299	3.95	3.01	0.942	0.580	0.961	0.709	0.262	0.567	1.23	1.68	1.25	1972
1973	1.77	1.15	6.06	2.93	1.19	0.646	0.523	0.429	0.188	0.392	1.91	1.60	1.24	1973
1974	3.16	1.77	3.18	2.25	1.97	0.843	0.382	0.380	0.311	0.298	0.863	0.764	1.35	1974
1975	1.40	1.69	3.19	2.29	0.661	0.637	0.239	0.398	1.09	0.557	0.836	1.56	1.21	1975
1976	1.10	4.28	4.60	1.99	1.82	0.616	1.29	0.525	0.340	0.391	0.494	0.399	1.48	1976
1977	0.263	0.385	4.61	1.75	0.491	0.316	0.208	0.252	1.78	1.54	1.26	3.44	1.37	1977
1978	0.988	0.778	3.41	3.71	1.19	0.447	0.210	0.201	0.299	0.552	0.600	0.784	1.10	1978
1979	1.23	0.954	3.41	3.50	1.17	0.460	0.179	0.481	0.210	0.526	1.61	2.24	1.33	1979
1980	1.57	0.543	2.60	2.95	1.11	0.623	0.430	0.336	0.342	0.628	0.496	0.906	1.05	1980
1981	0.112	3.48	1.19	1.40	0.765	0.455	0.178	0.575	1.40	1.48	0.967	0.664	1.05	1981
1982	0.766	0.369	5.05	3.17	1.05	1.41	0.482	0.266	0.288	0.303	1.30	2.66	1.45	1982
1983	1.03	1.66	1.41	1.95	1.79	0.857	0.801	2.31	0.514	0.624	1.14	2.18	1.35	1983
1984	0.627	4.46	2.72	2.39	1.25	1.94	0.464	0.315	0.815	0.513	1.01	1.48	1.48	1984
1985	1.10	3.69	7.24	2.59	0.642	0.446	0.299	0.379	1.03	1.75	4.58	1.85	2.12	1985
1986	1.47	1.06	4.14	1.68	1.05	0.558	0.357	0.318	0.643	1.62	0.985	2.14	1.34	1986
1987	1.06	0.515	2.28	2.42	0.477	0.281	0.174	0.179	0.162	0.204	0.501	1.40	0.807	1987
1988	0.418	0.915	1.66	1.26	0.646	0.170	0.828	1.36	0.456	1.43	2.43	1.22	1.07	1988
1989	0.998	0.660	1.57	1.67	0.614	0.558	0.195	0.187	0.178	0.242	1.04	0.399	0.691	1989
1990	1.95	2.59	2.95	1.48	1.40	0.667	0.658	0.269	0.300	0.701	1.31	3.16	1.45	1990
MEAN	1.12	1.64	3.14	2.30	1.01	0.609	0.405	0.434	0.454	0.607	1.08	1.46	1.19	MEAN

LOCATION - LAT 42 57 55 N DRAINAGE AREA, 93.2 km²
LONG 080 32 35 W REGULATED

REMARKS - REGULATION BY PUMPING DURING SUMMER MONTHS

BIG OTTER CREEK ABOVE OTTERVILLE - STATION NO. 02GC017

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1964	---	---	---	---	1964
1965	30.3 AT 20:00 EST ON FEB 10	24.9 ON MAR 06	0.003 ON JUL 29	36 200	1965
1966	15.5 AT 03:30 EST ON DEC 08	13.3 ON DEC 08	0.020 ON JUL 17	28 400	1966
1967	23.8 AT 13:30 EST ON APR 03	15.0 ON APR 03	0.034 ON AUG 15	30 300	1967
1968	38.8 AT 17:00 EST ON FEB 02	30.0 ON FEB 02	0.159 ON AUG 30	33 900	1968
1969	32.3 AT 19:02 EST ON JAN 30	25.1 ON JAN 30	0.068 ON AUG 16	35 100	1969
1970	7.84 AT 12:36 EST ON APR 03	7.02 ON APR 03	0.021 ON AUG 12	21 800	1970
1971	10.0 B AT 06:07 EST ON MAR 16	8.50B ON MAR 16	0 ON JUL 23 *	21 600	1971
1972	36.7 AT 19:48 EST ON MAR 22	11.8 ON MAR 23	0.170 ON AUG 06	39 600	1972
1973	45.5 AT 04:24 EST ON MAR 13	19.0 ON MAR 12	0.150 ON JUL 24	48 500	1973
1974	32.8 AT 17:36 EST ON JAN 27	18.2 ON MAR 05	0.195 ON JUL 28	42 500	1974
1975	11.4 AT 23:16 EST ON FEB 24	10.4 ON MAR 20	0.051 ON JUL 23	38 100	1975
1976	30.6 AT 23:39 EST ON MAR 05	16.4 ON MAR 06	0.261 ON SEP 08	46 800	1976
1977	26.2 AT 15:42 EST ON MAR 13	19.0 ON MAR 13	0 ON JUL 28	43 100	1977
1978	14.0 AT 13:17 EST ON MAR 24	12.7 ON MAR 23	0.027 ON JUL 20	34 600	1978
1979	17.9 AT 11:35 EST ON APR 14	12.2 ON APR 14	0 ON JUL 24	42 000	1979
1980	16.8 AT 21:52 EST ON MAR 21	11.7 ON MAR 18	0.241 ON AUG 29	33 100	1980
1981	16.8 AT 08:25 EST ON AUG 31	12.8 ON FEB 19	0.007 ON JUL 17	33 200	1981
1982	30.7 AT 14:29 EST ON MAR 31	16.5 ON MAR 31	0.175 ON AUG 19	45 200	1982
1983	13.7 AT 11:21 EST ON AUG 01	11.6 ON AUG 01	0.042 ON JUL 27	42 700	1983
1984	44.9 AT 15:30 EST ON FEB 14	28.5 ON FEB 14	0.174 ON JUL 31	46 800	1984
1985	59.1 AT 22:50 EST ON FEB 24 *	32.7 ON FEB 25 *	0.115 ON JUL 30	66 900	1985
1986	23.5 AT 22:35 EST ON MAR 19	13.0 ON MAR 19	0.195 ON SEP 09	42 300	1986
1987	15.6 AT 01:01 EST ON APR 06	11.4 ON APR 06	0.054 ON JUL 22	34 400	1987
1988	29.0 AT 11:21 EST ON JUL 31	17.4 ON JUL 31	0.003 ON JUL 13	33 900	1988
1989	4.96 AT 02:54 EST ON NOV 17	4.36 ON MAR 29	0.061 ON JUL 18	21 800	1989
1990	36.8 AT 09:32 EST ON DEC 30	25.8 ON DEC 30	0.103 ON AUG 09	45 700	1990
				37 700	MEAN

B - ICE CONDITIONS * - EXTREME RECORDED FOR THE PERIOD OF RECORD

BIG OTTER CREEK AT TILLSONBURG - STATION NO. 02GC010

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1960	---	---	---	---	---	---	---	---	---	0.980	1.15	0.929	---	1960
1961	0.806	3.54	3.65	7.24	4.06	2.28	1.27	1.76	0.869	1.14	1.32	1.64	2.45	1961
1962	1.63	1.59	10.2	2.81	1.62	0.905	0.711	1.08	0.959	0.46	1.01	1.77	2.40	1962
1963	1.20	0.982	11.5	4.14	2.47	0.995	0.640	0.780	0.747	0.787	0.879	0.759	2.17	1963
1964	1.17	0.982	4.77	5.22	3.04	0.988	0.840	3.11	1.04	1.08	1.16	3.08	2.21	1964
1965	3.92	9.97	13.8	13.0	2.38	1.10	0.857	0.797	0.933	1.69	2.29	4.99	4.60	1965
1966	4.85	4.43	7.91	5.19	2.93	1.76	0.600	0.859	0.952	0.943	1.99	3.34	3.31	1966
1967	2.54	2.90	6.86	8.91	3.85	1.92	1.97	1.06	0.951	1.34	2.57	4.23	3.49	1967
1968	3.17	11.2	4.79	3.62	1.88	3.58	1.68	1.07	1.49	1.66	3.81	4.85	3.71	1968
1969	11.1	4.46	9.25	10.3	6.10	3.23	1.36	0.777	0.973	1.10	1.97	2.15	4.06	1969
1970	1.64	2.55	5.57	5.99	2.24	1.13	1.22	0.691	0.927	1.16	3.33	4.63	2.59	1970
1971	2.17	4.88	11.5	3.77	2.42	2.11	0.820	0.673	0.903	1.00	0.939	1.39	2.66	1971
1972	2.16	1.12	14.8	10.1	4.83	4.13	3.86	2.50	1.04	1.67	3.58	5.59	4.30	1972
1973	5.20	1.71	19.2	7.3	3.74	2.43	1.43	1.34	0.909	1.36	4.70	4.76	4.69	1973
1974	9.89	5.26	10.0	7.41	7.27	2.82	2.07	1.51	1.28	1.36	3.24	2.90	4.58	1974
1975	5.73	6.48	11.1	6.91	2.43	2.77	0.932	1.67	3.71	2.14	3.12	5.46	4.35	1975
1976	4.00	15.1	16.2	6.58	6.13	2.53	4.08	1.10	1.48	1.80	1.90	1.60	5.24	1976
1977	1.24	1.73	14.7	6.30	1.80	1.24	0.920	1.17	6.87	6.97	4.48	11.4	4.86	1977
1978	3.97	3.55	13.8	12.8	4.06	1.77	0.910	1.17	1.70	2.77	2.98	3.21	4.18	1978
1979	4.75	3.63	13.9	13.9	4.12	1.85	0.891	1.91	1.41	2.54	6.79	8.84	5.38	1979
1980	5.06	1.82	9.12	10.3	4.15	3.19	1.92	1.46	1.76	3.05	2.13	4.17	4.02	1980
1981	1.30	11.0	4.26	2.87	1.85	0.741	1.16	4.10	5.75	5.43	2.55	1.0	3.84	1981
1982	3.77	3.40	17.0	10.6	3.32	5.02	1.26	1.19	1.27	1.28	5.10	11.0	5.18	1982
1983	2.21	4.53	4.72	7.49	6.49	2.40	2.10	7.20	1.86	1.88	3.71	8.51	4.64	1983
1984		15.9	8.67	7.95	3.96	5.45	1.74	1.36	2.74	1.80	3.67	5.63	5.03	1984
1985	4.57	12.7	17.3	9.06	2.11	1.75	1.32	1.71	2.75	5.23	14.8	5.90	6.54	1985
1986	5.35	3.80	14.1	5.69	4.28	2.53	0.40	1.30	2.30	6.21	3.65	8.22	4.92	1986
1987	4.26	2.13	7.58	8.69	1.97	1.33	0.889	1.09	1.05	1.13	2.33	5.55	3.19	1987
1988	1.75	3.87	5.60	4.41	2.15	0.765	1.43	4.66	1.25	3.20	6.76	4.11	3.18	1988
1989	3.43	2.35	4.91	5.74	2.01	2.02	0.765	0.698	0.855	1.06	3.20	1.56	2.38	1989
1990	7.71	9.71	9.25	4.55	3.71	1.99	1.84	1.07	1.30	2.78	4.80	12.8	5.11	1990
MEAN	3.74	5.31	10.2	7.44	3.38	2.16	1.41	1.56	1.67	2.15	3.50	5.01	3.98	MEAN

LOCATION - LAT 42 51 40 N LONG 080 43 10 W DRAINAGE AREA, 342 km² NATURAL FLOW

REMARKS - REGULATION BY PUMPING DURING SUMMER MONTHS

BIG OTTER CREEK AT TILLSONBURG - STATION NO. 02GC010

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1960	---	---	---	---	1960
1961	37.9 AT 09:58 EST ON APR 26	32.8 ON APR 26	0.493 ON JUL 23	77 400	1961
1962	78.2 AT 04:00 EST ON MAR 13	63.4 ON MAR 13	0.419 ON JUL 22	75 700	1962
1963	56.4 AT 04:15 EST ON MAR 18	49.8 ON MAR 18	0.258 ON JUL 11	68 600	1963
1964	16.7 AT 15:30 EST ON MAR 26	14.6 ON APR 07	0.266 ON JUL 27	70 000	1964
1965	146 AT 07:00 EST ON MAR 06	123 ON MAR 06 *	0.362 ON AUG 01	145 000	1965
1966	43.0 AT 12:10 EST ON DEC 08	41.3 ON DEC 08	0.133 ON JUL 24	104 000	1966
1967	33.4 AT 12:30 EST ON DEC 22	30.9 ON DEC 22	0.487 ON SEP 10	110 000	1967
1968	112 B AT 20:00 EST ON FEB 02	80.1B ON FEB 02	0.289 ON JUL 31	117 000	1968
1969	123 AT 05:00 EST ON JAN 31	101 ON JAN 31	0.416 ON AUG 21	128 000	1969
1970	32.0 AT 00:07 EST ON APR 03	25.2 ON APR 03	0.357 ON AUG 15	81 600	1970
1971	44.7 AT 07:10 EST ON FEB 28	40.5 ON MAR 16	0.082 ON AUG 08 *	83 800	1971
1972	41.9E ON MAR 22	41.9E ON MAR 22	0.750 ON SEP 02	136 000	1972
1973	73.3 AT 07:33 EST ON MAR 12	64.0 ON MAR 12	0.643 ON JUL 19	148 000	1973
1974	73.6 AT 13:05 EST ON JAN 28	66.5 ON JAN 28	1.01 ON AUG 21	145 000	1974
1975	45.9 AT 05:18 EST ON FEB 25	37.7 ON MAR 20	0.394 ON JUL 26	137 000	1975
1976	118 AT 04:27 EST ON MAR 06	95.7 ON MAR 06	1.18 ON SEP 08	166 000	1976
1977	83.1 AT 22:34 EST ON MAR 13	53.5 ON MAR 13	0.122 ON JUL 31	153 000	1977
1978	63.1 AT 02:20 EST ON MAR 24	58.9 ON MAR 23	0.362 ON JUL 18	136 000	1978
1979	110 AT 01:53 EST ON MAR 05	82.6 ON MAR 05	0.337 ON JUL 23	170 000	1979
1980	55.9 AT 23:38 EST ON MAR 21	48.8 ON MAR 22	0.814 ON AUG 28	127 000	1980
1981	42.8 AT 06:14 EST ON FEB 24	41.5 ON FEB 24	0.304 ON JUL 19	121 000	1981
1982	52.7 AT 09:00 EST ON APR 01	49.2 ON APR 01	0.597 ON JUL 25	163 000	1982
1983	31.8 AT 13:50 EST ON APR 11	20.7 ON DEC 13	0.613 ON JUL 20	146 000	1983
1984	142 AT 16:32 EST ON FEB 14	111 ON FEB 14	0.921 ON AUG 01	159 000	1984
1985	149 AT 05:22 EST ON FEB 25 *	120 ON FEB 25	0.638 ON AUG 04	206 000	1985
1986	55.2E AT 05:51 EST ON MAR 20	48.6E ON MAR 20	0.848 ON AUG 01	155 000	1986
1987	41.6 AT 20:24 EST ON APR 02	36.2 ON APR 02	0.600E ON JUL 23	100 000	1987
1988	29.3 AT 12:10 EST ON MAR 26	25.5 ON MAR 26	0.094 ON JUL 07	100 000	1988
1989	17.4 AT 23:56 EST ON APR 04	15.4 ON APR 04	0.156 ON JUL 16	75 000	1989
1990	90.5 AT 14:49 EST ON DEC 30	82.7 ON DEC 30	0.582 ON AUG 04	161 000	1990
	B - ICE CONDITIONS E - ESTIMATED	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		125 000	MEAN

BIG OTTER CREEK NEAR CALTON - STATION NO. 02GC026

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1975	---	---	---	---	---	---	---	---	6.25	4.58	5.15	13.5	---	1975
1976	8.70	31.4	31.7	14.7	13.5	4.74	8.22	4.49	2.89	3.30	4.75	4.96	11.0	1976
1977	6.92	3.71	27.4	14.4	4.65	3.04	2.48	2.71	13.7	13.0	8.42	26.7	10.4	1977
1978	8.96	5.57	27.6	22.4	7.98	3.77	2.37	2.46	3.23	4.28	5.62	6.46	8.48	1978
1979	8.88	7.20	26.2	29.6	8.78	4.45	2.61	4.69	3.46	5.48	14.2	19.0	11.2	1979
1980	12.0	5.89	20.0	21.9	9.24	7.46	5.59	3.75	5.06	8.07	5.38	9.29	9.49	1980
1981	3.79	25.9	9.15	22.5	5.44	4.69	2.92	4.03	7.51	12.5	7.17	5.86	8.28	1981
1982	7.01	3.67	37.8	22.5	7.93	11.8	3.86	3.25	3.60	3.53	12.0	23.6	11.7	1982
1983	8.66	12.2	10.3	16.8	13.8	5.11	4.47	15.5	4.44	5.00	8.00	10.7	10.2	1983
1984	5.21	29.6	18.9	15.4	9.67	10.7	3.02	3.88	7.04	5.09	8.71	11.2	10.6	1984
1985	8.26	25.3	35.0	20.5	5.12	4.79	4.03	4.17	6.03	9.13	30.4	13.6	13.8	1985
1986	9.69	7.60	27.0	11.4	8.45	5.71	3.67	3.66	4.50	12.5	6.70	15.3	9.75	1986
1987	9.20	4.36	15.8	16.3	4.18	3.25	2.80	4.44	2.42	2.88	4.81	12.3	6.96	1987
1988	4.89	9.81	12.9	10.6	4.50	2.19	3.42	4.91	2.45	5.49	13.3	8.81	6.92	1988
1989	9.84	5.26	9.47	11.6	4.30	4.60	1.97	1.71	2.20	2.52	7.26	3.34	5.33	1989
1990	14.4	19.2	22.0	11.9	8.83	4.65	4.91	3.23	3.86	6.73	9.79	26.7	11.3	1990
MEAN	8.07	13.1	22.1	17.1	7.75	5.40	3.76	4.32	4.92	6.51	9.46	13.7	9.69	MEAN

LOCATION - LAT 42 42 30 N DRAINAGE AREA, 676 km²
LONG 080 50 20 W REGULATED

REMARKS - REGUALTION BY PUMPING DURING SUMMER MONTHS

BIG OTTER CREEK NEAR CALTON - STATION NO. 02GC026

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1975	---	---	---	---	1975
1976	---	109 A ON MAR 06	2.49 ON SEP 07	346 000	1976
1977	80.1 AT 06:02 EST ON SEP 27	78.2 ON MAR 14	1.28 ON AUG 01	327 000	1977
1978	---	108 ON MAR 23	1.63 ON JUL 21	367 000	1978
1979	---	136 B ON MAR 05	1.35 ON JUL 23	354 000	1979
1980	89.7 AT 14:26 EST ON MAR 21	86.9 ON MAR 22	1.90 ON AUG 29	300 000	1980
1981	---	76.3E ON FEB 24	1.91 ON JUL 25	261 000	1981
1982	---	129 ON MAR 17	2.59 ON NOV 01	369 000	1982
1983	83.5 AT 23:34 EST ON AUG 11	69.4 ON AUG 12	1.46 ON JUL 28	323 000	1983
1984	---	140 B ON FEB 14	1.19 ON JUL 26	335 000	1984
1985	169 AT 21:37 EST ON FEB 25 *	164 ON FEB 25 *	1.55 ON AUG 04	434 000	1985
1986	77.6 AT 22:43 EST ON MAR 20	78.2 ON MAR 20	2.35 ON SEP 08	308 000	1986
1987	68.5 AT 16:04 EST ON APR 06	66.7 ON APR 06	1.30 ON JUL 25	220 000	1987
1988	---	42.8 ON MAR 27	0.69QE ON JUL 14 *	219 000	1988
1989	33.4 AT 20:14 EST ON APR 04	30.7 ON APR 05	1.07 ON JUL 19	168 000	1989
1990	144 AT 16:32 EST ON DEC 31	136 ON DEC 31	1.91 ON AUG 03	357 000	1990
				306 000	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX)
B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

BIG OTTER CREEK NEAR VIENNA - STATION NO. 02GC004

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1948	---	---	25.4	8.88	10.9	5.50	4.94	3.49	2.53	1.85	3.02	4.56	---	1948
1949	11.6	23.4	11.2	6.78	3.68	1.95	2.20	1.70	2.31	1.69	2.35	12.1	6.65	1949
1950	26.9	15.3	28.2	20.3	5.07	2.87	3.14	2.87	2.32	2.66	6.28	16.3	11.0	1950
1951	17.6	28.9	24.2	16.9	6.18	4.09	4.18	2.86	2.41	2.37	7.64	6.85	10.1	1951
1952	19.4	8.33	16.7	14.8	6.26	3.18	2.15	2.54	1.95	1.26	2.76	3.97	7.03	1952
1953	6.20	6.59	11.6	7.19	5.45	3.85	2.51	2.22	2.09	1.90	5.00	4.93	4.43	1953
1954	4.98	16.3	15.3	---	---	---	1.96	2.67	2.38	17.7	5.87	7.88	---	1954
1955	8.21	10.3	22.1	9.60	5.67	2.69	1.56	2.22	1.55	4.23	9.66	9.65	7.28	1955
1956	6.72	11.4	19.5	12.0	19.2	4.09	3.21	4.60	8.28	4.30	4.76	6.90	8.68	1956
1957	6.51	9.40	11.5	14.6	8.15	4.80	6.19	3.98	5.93	4.30	11.7	13.0	8.47	1957
1958	6.51	5.67	9.91	8.07	3.92	4.68	4.02	1.78	1.89	2.68	3.83	3.48	4.67	1958
1959	11.1	9.99	25.3	14.5	4.89	3.37	2.10	2.28	3.16	4.09	4.36	13.0	8.19	1959
1960	10.6	14.6	10.6	23.6	7.79	11.2	2.76	2.45	2.15	2.05	2.91	2.90	7.74	1960
1961	1.88	8.63	5.31	25.3	7.68	7.02	4.13	4.85	4.26	2.78	3.14	4.53	6.59	1961
1962	3.84	4.36	16.0	6.33	2.79	1.44	0.975	3.65	0.815	---	---	---	---	1962
1963	---	---	---	---	---	---	---	4.91	1.76	1.78	2.16	1.93	---	1963
1964	2.66	2.56	9.23	9.70	6.78	2.27	1.93	6.72	2.87	2.48	2.56	5.41	4.61	1964
1965	7.63	19.7	28.9	21.8	4.91	2.89	2.00	2.04	2.40	4.27	4.95	10.1	9.23	1965
1966	6.19	9.53	14.7	10.4	6.64	4.41	1.85	2.02	2.30	5.47	4.64	18.7	6.94	1966
1967	10.4	10.9	15.1	17.2	7.63	4.68	3.86	5.15	5.08	5.78	4.98	10.7	7.70	1967
1968	7.66	21.9	14.9	7.75	4.08	6.85	4.16	3.05	3.84	5.98	4.98	11.4	8.02	1968
1969	25.3	14.5	9.71	22.9	13.4	6.79	4.35	3.03	2.26	2.56	5.60	6.25	9.68	1969
1970	3.54	4.50	10.7	12.1	5.32	2.78	3.03	1.83	2.12	2.96	8.46	10.8	5.68	1970
1971	4.79	10.1	21.7	10.6	4.31	2.98	1.65	1.60	2.04	2.08	3.13	3.33	5.59	1971
1972	4.72	6.40	17.6	17.7	6.94	4.85	7.47	4.25	2.38	3.06	6.44	11.3	8.29	1972
1973	10.9	9.14	34.6	14.2	7.96	4.97	2.95	3.25	2.32	2.98	8.37	11.8	9.40	1973
1974	23.1	13.9	19.6	14.1	14.1	6.11	4.39	3.25	2.88	2.61	5.65	5.32	9.57	1974
1975	11.4	12.5	21.6	13.9	5.41	6.39	2.50	3.86	8.66	4.89	7.22	13.4	9.28	1975
MEAN	10.1	11.7	17.8	13.9	7.13	4.49	3.20	2.93	2.90	3.46	5.19	8.43	7.70	MEAN

LOCATION - LAT 42 41 06 N DRAINAGE AREA, 697 km²
LONG 080 47 46 W REGULATED

REMARKS - REGULATION BY PUMPING DURING SUMMER MONTHS

BIG OTTER CREEK NEAR VIENNA - STATION NO. 02GC004

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1948	---	---	---	---	1948
1949	---	106 ON FEB 16	1.16 ON NOV 10	210 000	1949
1950	---	117 ON APR 05	1.22 ON OCT 06	347 000	1950
1951	---	96.3 ON FEB 22	1.02 ON SEP 10	318 000	1951
1952	---	86.1 ON MAR 11	1.02 ON AUG 07	222 000	1952
1953	---	48.1 ON MAR 04	1.44 ON OCT 05	140 000	1953
1954	---	---	---	---	1954
1955	---	71.6E ON MAR 01	1.10 ON JUL 15	230 000	1955
1956	---	71.4 ON MAR 03	2.27 ON AUG 01	275 000	1956
1957	---	58.6 ON APR 06	2.61 ON AUG 19	267 000	1957
1958	---	46.0 ON APR 10	1.39 ON SEP 03	147 000	1958
1959	---	34.8 ON APR 04	1.61 ON JUL 16	258 000	1959
1960	---	76.7 ON MAR 30	1.44 ON SEP 29	245 000	1960
1961	---	50.7 ON APR 26	1.33 B ON FEB 01	208 000	1961
1962	---	48.1B ON MAR 11	---	---	1962
1963	---	---	---	---	1963
1964	28.2 AT 03:00 EST ON AUG 24	23.8 ON AUG 24	0.708 ON AUG 01 *	146 000	1964
1965	210 AT 05:00 EST ON MAR 07 *	181 B ON MAR 06 *	1.12 ON JUL 30	291 000	1965
1966	58.9 AT 10:30 EST ON DEC 08	57.8 ON DEC 08	1.14 A ON JUL 22	219 000	1966
1967	52.4 AT 03:00 EST ON DEC 22	51.0 ON DEC 22	1.61 ON SEP 11	243 000	1967
1968	141 B AT 23:30 EST ON FEB 03	105 B ON FEB 03	1.81 ON JUL 28	243 000	1968
1969	175 AT 21:00 EST ON JAN 30	145 ON JAN 31	2.08 ON SEP 14	305 000	1969
1970	41.9 AT 15:56 EST ON APR 03	40.2 ON APR 03	1.25 ON AUG 10	179 000	1970
1971	61.4B AT 11:51 EST ON FEB 28	39.5B ON FEB 28	0.867 ON AUG 07	176 000	1971
1972	64.3 AT 02:00 EST ON MAR 23	56.0 ON MAR 23	1.95 ON SEP 03	262 000	1972
1973	73.9 AT 07:30 EST ON MAR 16	71.1 ON MAR 16	1.22 ON JUL 19	296 000	1973
1974	65.4 AT 15:57 EST ON MAR 06	65.1 ON JAN 29	2.32 E ON AUG 21	302 000	1974
1975	60.6 AT 16:30 EST ON FEB 25	59.7 ON FEB 25	1.70 E ON JUL 26	293 000	1975
				243 000	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX)
B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

BIGHEAD RIVER AT MEAFORD - STATION NO. 02FB005

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1915	---	---	---	---	---	---	1.24	1.45	1.63	2.14	3.50	4.12	---	1915
1916	5.15	5.69	6.62	8.28	4.47	4.15	1.81	1.29	0.970	1.80	2.29	4.27	3.89	1916
1917	2.90	2.05	7.90	16.4	5.62	3.90	8.13	1.92	1.49	---	---	---	---	1917
MEAN	4.03	3.87	7.26	12.3	5.05	4.03	3.73	1.55	1.36	1.97	2.90	4.20	3.89	MEAN

LOCATION - LAT 44 36 13 N, LONG 080 35 50 W
DRAINAGE AREA, 342 km^2
REGULATED
DATA CONTRIBUTED BY - ONTARIO HYDRO

BIGHEAD RIVER AT MEAFORD - STATION NO. 02FB005

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1915	---	---	---	---	1915
1916	---	19.6 ON MAR 28	---	---	1916
1917	---	30.3 ON JUL 10 *	0 ON SEP 17 *	123 000	1917
			---	---	
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		123 000	MEAN

BIGHEAD RIVER NEAR MEAFORD - STATION NO. 02FB010

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1957	---	---	---	---	2.51	1.98	1.80	0.665	3.44	3.73	6.18	8.99	---	1957
1958	3.84	3.02	5.05	7.47	1.79	1.11	0.675	0.544	0.524	0.642	1.04	1.52	2.26	1958
1959	2.16	2.08	7.12	18.6	5.45	1.71	0.922	0.800	0.817	1.33	5.90	6.02	4.40	1959
1960	5.32	3.86	4.67	17.7	11.8	3.06	1.17	0.834	0.747	0.898	2.11	1.68	4.48	1960
1961	1.89	5.77	11.3	9.64	4.66	2.42	1.34	1.24	1.20	0.865	3.37	7.09	4.29	1961
1962	3.02	3.65	9.47	10.3	4.69	0.853	0.603	0.422	0.523	0.953	2.00	4.16	3.22	1962
1963	1.58	1.29	12.2	9.10	4.09	1.89	0.856	0.844	0.612	0.580	2.36	1.54	3.27	1963
1964	5.55	3.29	7.90	5.60	2.21	0.862	0.654	0.523	0.420	0.593	0.608	2.86	2.59	1964
1965	3.42	7.04	3.21	19.7	5.60	1.45	0.882	0.677	0.627	1.29	2.53	8.26	4.52	1965
1966	4.62	7.79	8.62	4.37	2.18	1.13	0.499	0.507	0.400	0.816	1.42	2.54	3.09	1966
1967	5.25	3.28	7.31	12.7	3.08	3.34	3.49	1.82	1.45	4.01	10.4	9.18	5.45	1967
1968	4.18	10.1	12.8	7.47	3.80	1.79	0.862	2.65	1.62	1.86	5.69	8.43	5.10	1968
1969	6.63	5.65	8.28	16.2	9.01	3.88	1.77	1.06	1.06	1.87	3.42	3.01	5.14	1969
1970	2.39	2.73	4.25	10.2	4.22	1.48	1.84	0.822	1.73	2.81	3.43	4.77	4.04	1970
1971	3.05	4.47	12.5	21.4	4.40	2.01	1.21	0.732	0.735	0.625	1.28	3.93	4.74	1971
1972	4.08	3.13	4.02	20.2	5.69	2.75	2.69	1.60	0.902	1.82	3.61	5.93	4.68	1972
1973	5.11	5.22	12.5	7.91	2.33	1.08	1.01	1.05	0.663	0.948	5.41	5.10	4.80	1973
1974	5.46	4.44	8.96	12.5	6.26	2.31	1.18	1.38	1.54	3.37	5.58	4.02	4.74	1974
1975	5.32	4.47	8.27	16.1	4.96	1.84	0.951	0.668	1.05	0.848	1.21	3.51	4.09	1975
1976	1.82	7.94	27.5	7.57	2.82	1.52	1.01	1.63	1.42	2.63	6.82	4.80	5.86	1976
1977	2.82	2.22	23.6	8.30	5.15	1.85	0.746	1.20	2.26	9.65	9.55	8.24	5.70	1977
1978	4.54	2.61	3.36	15.9	5.04	2.07	0.871	0.962	2.02	2.49	2.90	3.09	3.81	1978
1979	5.41	4.65	18.5	14.2	5.41	2.19	0.929	1.01	0.784	1.97	3.69	9.91	5.74	1979
1980	7.55	2.39	9.74	10.6	4.00	3.14	7.01	2.91	2.77	4.57	4.35	7.81	5.59	1980
1981	2.89	14.6	7.93	6.36	5.05	3.21	2.01	1.38	2.28	3.65	4.51	4.94	4.83	1981
1982	3.78	1.56	12.4	19.6	3.94	4.42	1.27	1.06	0.745	1.18	4.18	5.15	5.28	1982
1983	5.10	6.95	6.52	7.76	8.13	2.80	0.709	0.556	0.925	1.39	4.01	4.82	4.10	1983
1984	3.11	15.9	10.7	9.93	4.54	2.37	0.929	0.614	1.38	1.05	5.81	9.06	5.40	1984
1985	5.75	11.1	18.2	15.9	4.05	1.93	0.722	0.631	3.02	2.75	6.96	4.13	6.21	1985
1986	4.30	3.68	19.2	10.5	4.48	1.66	1.22	0.923	6.27	8.20	3.02	4.99	5.64	1986
1987	4.16	3.04	9.60	8.28	1.90	1.44	1.12	0.697	0.689	2.19	5.96	7.41	3.67	1987
1988	6.26	11.6	10.4	7.33	3.34	1.19	0.738	0.817	1.66	4.49	7.29	7.05	5.16	1988
1989	9.66	4.44	15.6	7.80	4.34	3.40	0.914	0.538	0.501	0.642	2.41	2.14	4.38	1989
1990	7.27	5.31	15.2	8.22	3.59	1.74	1.41	0.749	0.569	2.25	6.90	7.82	5.10	1990
MEAN	4.58	5.40	10.8	11.9	4.63	2.16	1.41	1.01	1.39	2.23	4.27	5.62	4.59	MEAN

LOCATION - LAT 44 34 10 N LONG 080 39 00 W DRAINAGE AREA, 293 km² REGULATED

BIGHEAD RIVER NEAR MEAFORD - STATION NO. 02FB010

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1957	---	---	---	---	1957
1958	---	17.1 ON APR 01	0.311 ON SEP 15	71 300	1958
1959	---	39.4B ON APR 03	0.396 ON SEP 08	139 000	1959
1960	82.9 AT 17:00 EST ON APR 03	72.2 ON APR 03	0.467 ON OCT 17	142 000	1960
1961	---	36.2 ON MAR 20	0.510 ON AUG 21	135 000	1961
1962	---	49.6 ON MAR 30	0.184 ON AUG 20	101 000	1962
1963	---	87.8 ON MAR 26	0.374 ON SEP 09	103 000	1963
1964	---	28.6B ON MAR 05	0.292 ON SEP 14	82 000	1964
1965	---	51.0B ON APR 12	0.357 ON AUG 23	143 000	1965
1966	---	59.5 ON FEB 11	0.130 ON SEP 19 *	97 300	1966
1967	64.0 AT 07:00 EST ON APR 01	56.1 ON APR 01	0.580 ON SEP 17	172 000	1967
1968	78.4B AT 17:45 EST ON FEB 02	63.1B ON FEB 02	0.430 ON AUG 12	161 000	1968
1969	43.9 AT 09:37 EST ON APR 05	39.6 ON APR 05	0.430 ON SEP 01	182 000	1969
1970	51.0 AT 19:03 EST ON APR 09	46.7 ON APR 09	0.544 ON AUG 15	128 000	1970
1971	55.8 AT 07:16 EST ON APR 13	50.7 ON APR 13	0.320 ON SEP 19	149 000	1971
1972	60.1 AT 23:00 EST ON APR 10	52.1 ON APR 14	0.521 ON SEP 24	148 000	1972
1973	45.9B AT 00:00 EST ON JAN 01	34.0B ON JAN 19	0.442 ON SEP 02	131 000	1973
1974	79.3 AT 09:17 EST ON APR 04	65.7 ON APR 04	0.498 ON SEP 08	150 000	1974
1975	101 A AT 06:00 EST ON APR 19	84.7A ON APR 19	0.354 ON AUG 18	129 000	1975
1976	113 AT 03:49 EST ON MAR 27 *	101 ON MAR 27	0.728 ON OCT 03	185 000	1976
1977	123 AT 13:01 EST ON MAR 31	114 ON MAR 31 *	0.297 ON JUL 24	180 000	1977
1978	45.9 AT 02:36 EST ON APR 02	35.1 ON APR 02	0.467 ON SEP 03	120 000	1978
1979	61.4 AT 12:18 EST ON APR 14	50.7 ON APR 14	0.338 ON OCT 01	101 000	1979
1980	89.1 AT 08:05 EST ON JUL 21	64.9 ON JUL 21	1.01 ON JUL 13	177 000	1980
1981	103 B AT 07:54 EST ON FEB 19	54.0B ON FEB 19	0.654 ON JUL 25	182 000	1981
1982	116 AT 10:14 EST ON MAR 31	92.9 ON MAR 31	0.209 ON AUG 22	128 000	1982
1983	31.3 AT 11:58 EST ON MAY 08	28.0 ON MAY 08	0.221 ON SEP 15	129 000	1983
1984	---	100 B ON FEB 14	0.351 ON AUG 27	171 000	1984
1985	72.0 AT 20:19 EST ON MAR 28	61.7 ON MAR 28	0.205 ON AUG 12	196 000	1985
1986	61.0 AT 19:28 EST ON MAR 19	42.7 ON MAR 19	0.469E ON AUG 25	170 000	1986
1987	38.6 AT 17:53 EST ON APR 05	30.5E ON APR 05	0.289 ON AUG 30	116 000	1987
1988	82.7 AT 03:20 EST ON FEB 01	46.4 ON FEB 01	0.462 ON AUG 22	163 000	1988
1989	102 AT 23:48 EST ON MAR 28	85.1 ON MAR 28	0.276 ON AUG 28	130 000	1989
1990	101 AT 11:46 EST ON MAR 12	81.0B ON MAR 12	0.307 ON SEP 02	161 000	1990
				145 000	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX)
B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

BLACK ASH CREEK AT COLLINGWOOD - STATION NO. 02ED025

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1989	---	---	---	---	---	---	0.029	0.016	0.023	0.032	0.208	0.146	---	1989
1990	0.727	0.410	1.20	0.694	0.231	0.069	0.041	0.024	0.020	0.084	0.365	0.698	0.381	1990
MEAN	0.727	0.410	1.20	0.694	0.231	0.069	0.035	0.020	0.022	0.058	0.287	0.422	0.361	MEAN

LOCATION - LAT 44 30 05 N LONG 080 14 17 W DRAINAGE AREA, 30.5 km² NATURAL FLOW

REMARKS - STATION ACTIVATED JUNE 1989

BLACK ASH CREEK AT COLLINGWOOD - STATION NO. 02ED025

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1989	4.69 AT 05:31 EST ON NOV 20	2.55 ON NOV 28	0.005 ON AUG 18 *	---	1989
1990	15.5 AT 18:02 EST ON MAR 12 *	13.0 ON MAR 12 *	0.010 ON SEP 09	12 000	1990
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		12 000	MEAN

BLACK CREEK BELOW ACTON - STATION NO. 02HB024

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1987	---	---	---	---	---	0.153	0.178	0.135	0.132	0.131	0.183	0.292	---	1987
1988	0.217	0.252	0.386	0.317	0.252	0.108	0.140	0.111	0.120	0.148	0.242	0.186	0.206	1988
1989	0.231	0.153	0.327	0.307	0.205	0.287	0.103	0.089	0.096	0.102	0.198	0.085	0.182	1989
1990	0.200	0.311	0.477	0.271	0.237	0.167	0.113	0.212	0.122	0.255	0.271	0.468	0.259	1990
MEAN	0.216	0.239	0.397	0.298	0.231	0.179	0.134	0.137	0.118	0.159	0.224	0.258	0.216	MEAN

LOCATION - LAT 43 37 46 N LONG 080 00 41 W DRAINAGE AREA, 18.9 km² REGULATED

REMARKS - STATION ACTIVATED MAY 20 1987

BLACK CREEK BELOW ACTON - STATION NO. 02HB024

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1987	---	---	---	---	1987
1988	3.51 AT 18:39 EST ON JUL 30 *	1.43 ON MAR 26	0.072 ON OCT 02	---	1988
1989	1.33 AT 14:36 EST ON MAR 27	1.09 ON MAR 29	0.072 ON SEP 16 0.058B ON DEC 26 *	6 520 5 730	1989
1990	2.57 AT 22:31 EST ON AUG 11	1.97 ON MAR 13 *	0.088 ON JUL 10	8 160	1990
	B - ICE CONDITIONS	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		6 800	MEAN

BLACK CREEK NEAR WESTON - STATION NO. 02HC027

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1966	---	---	---	---	---	---	---	0.228	0.307	0.273	0.522	0.755	---	1966
1967	0.393	0.339	1.06	1.03	0.485	1.22	0.673	0.401	0.590	0.592	0.562	0.882	0.687	1967
1968	0.499	1.33	1.83	0.530	0.649	0.470	0.343	0.256	0.484	0.399	0.956	0.605	0.733	1968
1969	1.24	0.420	0.786	1.16	0.826	0.408	0.698	0.493	0.303	0.530	0.791	0.443	0.677	1969
1970	0.293	0.493	1.93	1.18	0.663	0.404	0.625	0.783	0.585	0.476	0.636	0.620	0.728	1970
1971	0.549	1.11	1.87	0.773	0.381	0.581	0.881	0.913	0.366	0.330	0.265	0.939	0.714	1971
1972	0.638	0.618	1.09	2.35	0.401	0.739	0.608	0.702	0.606	0.489	0.710	1.15	0.883	1972
1973	0.835	0.682	2.04	1.09	0.243	0.684	0.465	0.386	0.341	0.969	1.10	0.899	0.916	1973
1974	1.40	0.777	0.970	1.29	1.65	1.03	0.323	0.299	0.355	0.326	0.633	0.389	0.786	1974
1975	0.740	1.42	1.02	1.25	0.718	0.564	0.321	0.733	0.577	0.362	0.454	0.574	0.722	1975
1976	0.331	1.38	2.14	1.10	1.17	0.756	0.918	0.479	0.393	0.451	0.247	0.268	0.818	1976
1977	0.218	0.642	1.48	0.883	0.473	0.770	1.15	1.00	1.21	1.19	1.40	1.59	0.993	1977
1978	0.695	0.264	1.72	1.54	0.824	0.304	0.319	0.502	1.04	0.579	0.562	0.575	0.746	1978
1979	0.811	0.389	1.93	1.46	0.782	0.543	0.553	0.479	0.464	0.575	0.890	1.66	0.882	1979
1980	0.690	0.258	1.44	1.32	0.536	0.859	1.19	0.361	0.412	0.577	0.336	0.604	0.734	1980
1981	0.294	1.78	0.401	0.332	0.782	0.613	0.550	0.545	1.11	1.47	0.770	0.439	0.798	1981
1982	0.442	0.487	2.22	0.875	0.441	0.977	0.441	0.807	0.985	0.340	1.25	1.38	0.927	1982
1983	0.860	0.712	0.872	1.29	1.17	0.386	0.267	0.789	0.514	0.666	0.853	1.01	0.767	1983
1984	0.330	2.01	1.51	0.928	0.909	0.490	0.542	0.933	0.753	0.274	0.890	0.641	0.846	1984
1985	0.298	1.97	1.78	0.883	0.680	0.385	0.677	1.39	0.570	0.555	2.19	0.656	0.995	1985
1986	0.473	0.430	1.44	0.583	0.694	0.513	1.11	2.46	3.02	0.956	0.540	1.20	1.12	1986
1987	0.410	0.387	0.987	1.12	0.454	0.413	0.735	0.494	0.764	0.401	0.840	0.876	0.658	1987
1988	0.406	0.625	0.712	0.748	0.478	0.280	0.602	0.382	0.788	0.666	0.744	0.463	0.585	1988
1989	0.452	0.255	0.552	0.499	0.868	1.24	0.849	0.442	0.640	0.740	1.11	0.260	0.654	1989
1990	0.895	1.19	1.13	0.778	0.869	0.574	0.641	0.959	0.462	1.05	0.509	1.59	0.880	1990
MEAN	0.582	0.828	1.40	1.06	0.736	0.633	0.649	0.733	0.722	0.618	0.789	0.816	0.802	MEAN

LOCATION - LAT 43 40 31 N LONG 079 30 21 W DRAINAGE AREA, 58 km² NATURAL FLOW

BLACK CREEK NEAR WESTON - STATION NO. 02HC027

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1966	---	---	---	---	1966
1967	27.5 AT 21:30 EST ON APR 02	6.26 ON APR 03	0.181 ON SEP 10	21 700	1967
1968	26.9 AT 19:00 EST ON FEB 01	14.1 ON FEB 02	0.187 ON AUG 04	23 200	1968
1969	39.6 AT 19:46 EST ON JUL 24	8.69 ON APR 18	0.207B ON DEC 25	21 300	1969
1970	43.0 AT 18:28 EST ON AUG 30	15.9 A ON MAR 05	0.173 ON JAN 25	23 000	1970
1971	35.4 AT 12:15 EST ON JUN 25	8.78 ON JUL 06	0.150 ON SEP 26	22 500	1971
1972	42.5 AT 06:14 EST ON AUG 02	11.0 ON DEC 13	0.170 ON JUL 30	27 900	1972
1973	33.4 AT 16:42 EST ON JUN 28	9.54 ON MAR 11	0.144 ON SEP 08	28 900	1973
1974	40.2 AT 14:35 EST ON AUG 23	14.9 B ON JAN 27	0.153 ON AUG 25	24 800	1974
1975	39.1 AT 22:50 EST ON APR 18	15.4 ON FEB 24	0.133 ON JUL 26	22 800	1975
1976	54.7 AT 20:40 EST ON JUN 13	10.5 ON MAR 05	0.159B ON DEC 13	25 900	1976
1977	68.8 AT 16:06 EST ON JUL 06	13.3 ON JUL 06	0.048E ON SEP 06 *	31 300	1977
1978	50.1 AT 20:23 EST ON SEP 10	9.97 ON SEP 10	0.156 ON AUG 13	23 500	1978
1979	50.3 AT 16:28 EST ON JUL 11	22.2 ON DEC 25	0.152 ON SEP 23	27 800	1979
1980	71.0 AT 09:58 EST ON JUL 15	16.9 ON MAR 21	0.140 ON OCT 13	23 200	1980
1981	52.8 AT 20:36 EST ON AUG 04	14.7 ON FEB 11	0.209 ON JUL 25	25 200	1981
1982	80.6 AT 17:28 EST ON SEP 14	12.4 ON MAR 13	0.178 ON AUG 15	29 100	1982
1983	63.5 AT 18:03 EST ON AUG 08	7.43 ON DEC 06	0.124 ON SEP 11	24 200	1983
1984	---	21.6 E ON FEB 14	0.162 ON SEP 30	26 700	1984
1985	---	16.6 ON FEB 24	0.158 ON AUG 04	31 400	1985
1986	133 AT 17:03 EST ON AUG 15 *	24.6 ON AUG 27 *	0.180 ON JUL 10	35 300	1986
1987	43.5 AT 16:49 EST ON MAY 27	7.02 ON NOV 25	0.136 ON JUN 17	20 700	1987
1988	39.0 AT 00:39 EST ON SEP 04	7.20 ON SEP 04	0.141 ON AUG 21	18 500	1988
1989	61.1 AT 21:28 EST ON SEP 22	11.3 ON JUN 22	0.067 ON OCT 01	20 600	1989
1990	43.1 AT 16:41 EST ON AUG 12	9.44 ON FEB 22	0.183 ON AUG 09	28 000	1990
				25 300	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX) B - ICE CONDITIONS E - ESTIMATED * - EXTREME RECORDED FOR THE PERIOD OF RECORD

BLACK RAPIDS CREEK TRIBUTARY AT OTTAWA - STATION NO. 02LA008

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1972	---	---	---	---	---	---	0.069	0.053	0.004	0.019	0.039	---	---	1972
1973	---	---	---	---	---	---	---	0.001	0	0.004	0.009	---	---	1973
1974	---	---	---	---	0.027	0.006	0.003	0.003	0.001	0	0	---	---	1974
1975	---	---	---	0.148	0.029	0.009	0.001	0	0	0.001	0.012	0.025	---	1975
1976	0.001	0.001	0.120	0.053	0.028	0.003	0.001	0	0.001	0.010	0.004	0.002	0.019	1976
1977	0.001	0	0.100	0.033	0.004	0.001	0	0	0	0.004	0.001	0.005	0.013	1977
1978	0.021	0.005	0.005	0.166	0.004	0.002	0	0	0	0	0	0	0.017	1978
1979	0	0	0.134	---	---	---	---	---	---	---	---	---	---	1979
MEAN	0.005	0.002	0.090	0.100	0.018	0.004	0.012	0.008	0.001	0.005	0.009	0.008	0.016	MEAN

LOCATION - LAT 45 10 12 N LONG 075 44 24 W DRAINAGE AREA, 1.63 km^2 NATURAL FLOW

BLACK RAPIDS CREEK TRIBUTARY AT OTTAWA - STATION NO. 02LA008

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1972	---	---	---	---	1972
1973	---	---	---	---	1973
1974	---	---	0 ON AUG 29 *	---	1974
			0 ON SEP 20	---	
1975	1.98 AT 11:55 EST ON APR 19 *	0.886 ON APR 19	0 ON AUG 06	---	1975
1976	---	1.13 B ON MAR 28 *	0 ON JUL 21	593	1976
1977	---	0.991B ON MAR 14	0 ON JAN 27	397	1977
1978	1.77 AT 18:30 EST ON APR 14	0.923 ON APR 14	0A ON JAN 04	529	1978
1979	---	---	---	---	1979
				506	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX) B - ICE CONDITIONS * - EXTREME RECORDED FOR THE PERIOD OF RECORD

BLACK RIVER AT BALDWIN - STATION NO. 02EC008

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1964	---	---	---	---	---	---	---	---	---	---	---	0.665	---	1964
1965	0.519	3.90	2.96	5.95	1.69	0.395	0.405	0.294	0.496	0.765	1.69	2.01	1.74	1965
1966	1.57	1.48	4.31	2.06	1.78	0.647	0.186	0.229	0.332	0.578	1.06	1.95	1.35	1966
1967	1.28	1.27	3.32	5.38	1.72	5.54	3.30	1.47	0.899	3.18	4.18	4.54	3.01	1967
1968	1.00	3.05	8.85	3.21	2.17	0.702	0.583	0.876	1.04	0.769	2.50	2.74	2.30	1968
1969	1.42	2.24	6.14	7.39	3.58	1.08	0.663	0.621	0.418	---	---	---	---	1969
1983	---	---	---	---	---	---	---	0.673	0.660	0.853	2.07	1.59	---	1983
1984	0.860	6.31	5.32	4.71	2.54	0.855	0.406	0.360	0.634	0.538	1.22	1.61	2.10	1984
1985	1.11	4.35	7.80	5.62	1.53	0.915	1.20	1.11	1.47	1.51	4.33	2.28	2.75	1985
1986	1.66	1.41	8.05	4.13	2.95	1.47	0.771	0.589	0.519	3.95	1.95	3.19	3.05	1986
1987	1.43	1.50	6.30	5.04	1.78	1.39	2.43	0.714	0.610	1.64	2.56	3.72	2.34	1987
1988	1.18	1.07	3.48	3.85	2.02	0.680	0.487	0.553	0.925	1.03	1.99	1.08	1.53	1988
1989	1.14	0.993	3.23	2.99	3.46	2.61	0.585	0.992	0.926	1.12	3.13	0.957	1.85	1989
1990	1.81	2.69	10.9	5.52	2.42	1.15	1.01	0.532	0.685	2.07	2.61	3.22	2.89	1990
MEAN	1.26	2.52	5.89	4.65	2.25	1.46	1.00	0.847	1.10	1.47	2.44	2.20	2.26	MEAN

LOCATION - LAT 44 15 39 N LONG 079 20 40 W DRAINAGE AREA, 274 km^2 REGULATED

REMARKS - GAUGE REACTIVATED ON JUL 12 1983 TO REPLACE "BLACK RIVER AT SUTTON" NO. 02EC012. DRAINAGE AREA REVISED IN JUL 1983

BLACK RIVER AT BALDWIN - STATION NO. 02EC008

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1964	---	---	---	---	1964
1965	48.7 AT 20:40 EST ON FEB 11	32.6 ON FEB 11	0.122 ON JAN 24	54 800	1965
1966	8.61B AT 16:30 EST ON MAR 03	6.51 ON JAN 01	0.082 ON JUL 17	42 600	1966
1967	29.4 AT 23:00 EST ON JUN 13	22.1 ON JUN 14	0.062 ON SEP 17 *	95 000	1967
1968	28.9 AT 00:01 EST ON MAR 21	26.0 ON MAR 21	0.113 ON JUL 25	72 700	1968
1969	26.5 AT 20:29 EST ON MAR 22	23.0 ON MAR 22	---	---	1969
1983	---	---	---	---	1983
1984	28.8 AT 22:57 EST ON FEB 15	25.2 ON FEB 16	0.272 ON AUG 08	66 500	1984
1985	34.6 AT 03:33 EST ON FEB 26	28.2 ON FEB 26	0.536E ON AUG 07	86 700	1985
1986	24.3 AT 03:04 EST ON MAR 21	21.4 ON MAR 21	0.316 ON JUN 09	96 200	1986
1987	22.9 AT 03:43 EST ON MAR 10	20.5 ON MAR 10	0.411 ON SEP 15	73 900	1987
1988	13.5 AT 19:08 EST ON MAR 27	13.3 ON MAR 27	0.254 ON JUL 14	48 300	1988
1989	16.6 AT 07:30 EST ON MAR 28	16.0 ON MAR 28	0.312E ON JUL 29	58 200	1989
1990	81.9 AT 11:06 EST ON MAR 13 *	77.5 ON MAR 13 *	0.324 ON JUL 13	91 100	1990
	B - ICE CONDITIONS E - ESTIMATED	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		71 500	MEAN

BLACK RIVER AT SUTTON - STATION NO. 02EC012

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1969	---	---	---	---	---	---	---	---	---	---	1.23	0.825	---	1969
1970	0.605	0.797	2.33	9.23	1.76	0.559	0.870	0.401	0.668	0.871	1.41	1.67	1.76	1970
1971	0.867	0.879	3.69	10.1	1.49	0.876	0.802	0.716	0.859	0.507	0.761	1.69	1.93	1971
1972	1.26	0.882	1.32	14.8	2.21	1.97	0.580	0.528	0.516	1.44	2.51	2.55	2.53	1972
1973	1.99	2.56	9.65	5.56	3.03	1.20	0.705	0.739	0.479	0.644	2.24	2.95	2.75	1973
1974	2.43	1.72	6.20	7.45	5.64	0.958	1.70	1.44	0.795	0.966	3.27	2.07	2.89	1974
1975	1.87	4.60	7.12	7.97	2.62	0.620	0.418	0.410	0.490	0.527	0.840	0.826	2.34	1975
1976	0.963	2.47	10.4	4.69	3.67	0.860	1.82	1.08	1.34	1.95	1.60	0.866	2.62	1976
1977	0.708	0.676	8.44	3.00	0.906	0.537	0.558	1.93	1.35	3.69	3.42	1.81	2.44	1977
1978	2.35	1.66	3.51	15.3	3.97	0.756	0.323	0.584	0.821	1.08	1.16	0.995	2.67	1978
1979	0.916	0.517	12.0	5.46	4.73	0.941	0.570	0.605	0.647	1.32	2.31	4.67	2.92	1979
1980	1.54	0.439	5.82	7.81	2.12	1.07	3.14	1.64	1.68	2.33	2.57	3.28	2.79	1980
1981	0.898	10.2	2.45	3.24	3.27	0.854	0.901	1.15	2.26	2.29	3.35	1.59	2.65	1981
1982	1.27	0.862	6.39	12.0	2.09	3.43	1.11	0.977	1.28	1.56	4.83	6.84	3.58	1982
1983	2.14	1.78	4.68	5.61	5.17	1.58	---	---	---	---	---	---	---	1983
MEAN	1.54	2.15	6.02	8.02	3.03	1.16	1.04	0.938	1.01	1.48	2.28	2.39	2.61	MEAN

LOCATION - LAT 44 18 18 N DRAINAGE AREA, 324 km^2
LONG 079 21 37 W REGULATED

REMARKS - STATION DISCONTINUED JUL 12 1983. REPLACED BY "02EC008 BLACK RIVER AT BALDWIN"

BLACK RIVER AT SUTTON - STATION NO. 02EC012

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1969	---	---	---	---	1969
1970	27.8 AT 06:25 EST ON APR 10	26.4 ON APR 10	0.294 ON AUG 02	55 500	1970
1971	22.9 AT 17:08 EST ON APR 04	22.3 ON APR 04	0.275 ON AUG 20	60 800	1971
1972	66.5 AT 21:14 EST ON APR 14 *	61.4 ON APR 14 *	0.261 ON AUG 03	80 000	1972
1973	26.1 AT 10:06 EST ON MAR 13	24.4 ON MAR 13	0.263 ON JUN 19	86 700	1973
1974	44.7 AT 00:26 EST ON MAR 07	38.2 ON MAR 07	0.224 ON JUL 17 *	91 300	1974
1975	51.0 AT 02:33 EST ON FEB 26	41.9 ON FEB 26	0.266 ON JUL 07	73 800	1975
1976	33.1 AT 20:32 EST ON MAR 21	27.3 ON MAR 22	0.459 ON JUL 25	82 900	1976
1977	34.3 AT 20:39 EST ON MAR 13	30.9 ON MAR 13	0.360 ON JUL 29	77 100	1977
1978	49.3 AT 00:31 EST ON APR 09	34.8 ON APR 08	0.255 ON JUL 11	84 200	1978
1979	27.5 AT 22:04 EST ON MAR 06	22.1 ON MAR 07	0.352 ON AUG 04	92 000	1979
1980	25.3 AT 20:21 EST ON MAR 21	21.0 ON MAR 21	0.388B ON MAR 08	88 300	1980
1981	44.8 AT 23:42 EST ON FEB 21	43.6 ON FEB 21	0.484 ON JUL 16	83 500	1981
1982	54.9 AT 21:30 EST ON APR 01	45.3 ON APR 01	0.430 ON AUG 19	113 000	1982
1983	11.1 AT 23:32 EST ON MAY 04	10.0 ON MAY 04	---	---	1983
	B - ICE CONDITIONS	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		82 200	MEAN

BLACK RIVER NEAR ACTIBOLITE - STATION NO. 02HL003

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1955	---	---	---	---	---	---	---	1.66	0.923	9.47	5.78	2.01	---	1955
1956	1.98	1.61	3.20	20.7	14.3	7.42	1.53	2.03	1.51	0.954	1.30	2.41	4.90	1956
1957	4.00	2.87	7.60	11.5	4.95	2.04	1.67	1.05	0.971	1.31	2.80	9.20	4.11	1957
1958	4.31	2.48	5.15	11.8	4.07	1.41	1.22	1.56	1.44	0.813	0.761	1.26	3.00	1958
1959	0.848	1.05	2.84	22.1	6.13	1.61	1.26	1.39	1.29	1.05	3.83	6.14	4.10	1959
1960	2.63	2.91	2.37	35.2	11.9	5.20	2.46	2.58	0.070	0.124	0.331	0.228	5.46	1960
1961	0.184	0.249	2.07	9.95	9.20	4.00	0.884	1.34	1.67	1.30	1.29	1.69	3.83	1961
1962	1.00	0.963	7.99	12.8	3.58	1.32	1.17	1.40	1.76	1.63	4.66	3.88	3.21	1962
1963	2.02	1.51	7.28	14.6	4.07	1.50	1.06	1.08	1.47	1.06	2.51	2.76	3.52	1963
1964	2.82	2.05	7.36	12.0	7.13	2.39	0.977	0.802	0.716	0.738	0.790	2.09	3.30	1964
1965	1.53	4.17	4.22	22.4	6.91	1.33	0.752	0.734	0.928	4.49	7.84	9.03	5.34	1965
1966	5.18	3.66	12.4	6.63	5.29	2.93	0.869	1.14	0.964	0.272	6.08	12.5	4.86	1966
1967	4.60	4.87	5.20	15.0	6.13	3.07	1.86	1.58	2.06	6.72	12.3	8.79	6.17	1967
1968	4.28	5.44	11.8	8.96	3.65	2.74	1.99	1.45	1.39	1.22	2.41	4.19	4.12	1968
1969	4.00	4.63	8.82	17.1	18.5	4.35	1.90	1.05	0.889	0.688	2.28	3.81	5.67	1969
1970	1.59	2.34	1.98	16.4	7.99	2.65	1.67	0.745	2.33	1.25	3.13	4.27	4.02	1970
1971	1.10	1.71	6.04	27.1	7.42	1.77	0.731	0.916	0.745	0.552	0.748	4.31	4.50	1971
1972	1.38	2.57	3.56	25.5	13.7	4.40	4.04	2.88	1.33	2.26	6.25	6.08	6.31	1972
1973	9.42	6.69	25.3	15.3	7.25	1.80	0.776	0.937	0.531	0.321	2.01	3.45	6.18	1973
1974	5.52	5.02	13.8	23.2	14.4	3.56	1.22	1.16	1.31	1.31	3.03	3.26	6.40	1974
1975	3.56	2.62	13.1	22.8	8.76	2.47	0.570	0.701	0.511	0.106	0.324	2.48	4.83	1975
1976	1.50	1.58	18.1	22.4	5.75	1.01	1.02	1.22	1.24	1.21	1.24	1.16	4.96	1976
1977	0.925	1.02	14.8	9.45	4.69	1.12	1.03	0.714	0.612	1.15	3.39	6.65	3.65	1977
1978	6.61	5.71	8.31	27.8	8.97	1.70	0.987	0.619	0.899	0.856	3.18	3.96	5.77	1978
1979	6.21	4.58	22.0	22.9	9.30	3.21	0.819	0.628	0.231	1.57	4.10	7.83	6.96	1979
1980	7.25	3.68	11.8	16.4	7.60	1.56	0.921	0.995	1.91	1.81	4.45	7.24	5.47	1980
1981	1.79	19.7	10.4	7.37	5.13	4.09	1.54	1.27	4.79	6.23	7.66	6.44	6.37	1981
1982	3.85	2.01	5.26	24.0	5.73	3.28	1.31	1.83	3.34	0.839	6.34	13.8	5.80	1982
1983	8.98	7.54	11.4	12.4	15.4	4.36	1.30	1.19	0.398	0.348	1.91	5.02	5.86	1983
1984	3.61	12.6	10.9	25.7	10.5	2.07	1.23	1.52	1.15	0.282	1.61	3.58	6.18	1984
1985	5.00	5.80	16.6	20.2	4.31	2.37	1.44	1.24	3.66	2.34	9.79	6.88	6.62	1985
1986	4.73	3.91	12.7	12.1	3.68	6.57	2.22	3.27	7.46	14.1	6.61	6.17	6.97	1986
1987	4.89	4.45	10.3	24.5	2.94	1.44	0.860	0.621	0.713	1.20	4.06	10.4	5.00	1987
1988	4.27	4.98	9.57	17.0	3.61	1.04	0.418	0.553	0.685	1.04	2.15	2.57	4.05	1988
1989	2.61	1.88	6.52	13.4	4.79	3.58	1.32	0.604	1.33	4.08	11.1	4.93	4.67	1989
1990	4.33	4.92	15.2	15.4	5.83	1.99	1.36	0.961	0.481	0.710	2.92	10.1	5.35	1990
MEAN	3.72	4.14	9.53	17.6	7.55	2.78	1.38	1.27	1.46	2.10	3.89	5.29	5.04	MEAN

LOCATION - LAT 44 32 21 N DRAINAGE AREA, 401 km²
LONG 077 22 15 W REGULATED

REMARKS - REGULATION TO MAINTAIN SUMMER FLOW

BLACK RIVER NEAR ACTIBOLITE - STATION NO. 02HL003

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)			MAXIMUM DAILY DISCHARGE (m^3/s)			MINIMUM DAILY DISCHARGE (m^3/s)			TOTAL DISCHARGE (dam^3)	YEAR
1955		---			---			---		---	1955
1956		---			---			---		---	1956
1957		---			---			---		---	1957
1958	26.3		CN MAR 31	44.2	CN APR 06		0.595	CN AUG 05		155 000	1958
1959	46.7		CN APR 07	28.9	CN DEC 22		0.453	CN OCT 12		130 000	1959
1960	49.5		CN APR 18	26.6	CN MAR 31		0.311	CN NOV 03		94 600	1960
1961	---			43.9	CN APR 07		0.357	CN OCT 19		129 000	1961
1962	35.7	AT 20:30 EST	CN MAR 31	47.6	CN APR 15		0	CN SEP 22	*	173 000	1962
1963	45.6	AT 17:30 EST	CN MAR 31	16.3	CN APR 18		0.028E	CN FEB 06		89 100	1963
1964	23.2	AT 08:00 EST	CN APR 15	30.1	CN APR 01		0.566	CN JUL 18		101 000	1964
1965	62.3	AT 13:30 EST	CN APR 13	44.2	CN MAR 31		0.357	CN OCT 31		111 000	1965
1966	39.9	AT 09:00 EST	CN DEC 09	22.9	CN APR 15		0.504	CN SEP 27		104 000	1966
1967	38.8	AT 11:00 EST	CN APR 03	54.7	CN APR 13		0.442	CN JUL 29		168 000	1967
1968	44.6	AT 14:05 EST	CN MAR 30	37.9	CN DEC 09		0.045	CN OCT 06		153 000	1968
1969	69.9	AT 06:55 EST	CN MAY 20	38.2	CN APR 03		1.32	CN AUG 17		195 000	1969
1970	27.1	AT 18:58 EST	CN APR 15	30.6	CN MAR 29		0.867	CN JUL 21		130 000	1970
1971	43.6	AT 06:31 EST	CN APR 21	62.6	CN MAY 20		0.331	CN OCT 14		179 000	1971
1972	51.8	AT 17:50 EST	CN APR 19	26.6	CN APR 15		0.394	CN OCT 12		127 000	1972
1973	51.5	AT 20:48 EST	CN MAR 18	43.3	CN APR 21		0.357	CN OCT 22		142 000	1973
1974	48.4	AT 11:20 EST	CN APR 05	50.7	CN APR 19		1.12	CN SEP 22		200 000	1974
1975	57.2	AT 11:50 EST	CN APR 20	48.7	CN MAR 18		0.113	CN OCT 06		195 000	1975
1976	72.2	AT 21:01 EST	CN APR 02	47.0	CN APR 05		0.804	CN AUG 21		202 000	1976
1977	44.5	AT 05:20 EST	CN MAR 15	54.9	CN APR 20		0.042	CN OCT 30		152 000	1977
1978	47.3	AT 22:27 EST	CN APR 21	37.9	CN APR 02		0.314	CN JUN 24		157 000	1978
1979	54.9	AT 21:47 EST	CN MAR 25	43.3	CN MAR 15		0.453	CN SEP 11		115 000	1979
1980	80.2	AT 09:00 EST	CN MAR 22 *	45.3	CN APR 22		0.051	CN AUG 20		182 000	1980
1981	72.8	AT 00:43 EST	CN FEB 25	51.9	CN MAR 26		0.124	CN OCT 03		219 000	1981
1982	41.4	AT 11:25 EST	CN APR 22	76.0E	CN MAR 22 *		0.600	CN AUG 11		173 000	1982
1983	47.4	AT 01:28 EST	CN MAY 05	69.5	CN FEB 24		0.764	CN JUL 27		201 000	1983
1984	57.6	AT 19:29 EST	CN APR 08	40.3	CN APR 22		0.537	CN SEP 22		183 000	1984
1985	32.2	AT 22:56 EST	CN APR 07	26.6	CN MAY 05		0.098A	CN OCT 27		185 000	1985
1986	33.5	AT 04:26 EST	CN MAR 31	54.8	CN APR 07		0.189E	CN OCT 14		195 000	1986
1987	57.5	AT 04:43 EST	CN APR 07	31.8	CN APR 08		1.08	CN AUG 13		209 000	1987
1988	40.8	AT 20:08 EST	CN MAR 27	32.7	CN MAR 31		1.09	CN MAY 16		220 000	1988
1989	39.9	AT 21:10 EST	CN MAR 29	55.8	CN APR 06		0.545	CN AUG 25		158 000	1989
1990	35.9	AT 00:21 EST	CN MAR 18	39.1	CN MAR 27		0.219	CN JUL 10		178 000	1990
				37.0	CN MAR 30		0.559	CN AUG 29		147 000	MEAN
				34.6	CN MAR 18		0.340	CN OCT 08		169 000	
										159 000	

A - MANUAL GAUGE
(SEE REFERENCE INDEX)
B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

BLACK RIVER NEAR MARATHON - STATION NO. 02BB002

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1967	---	---	---	---	---	---	---	---	---	---	29.2	11.2	---	1967
1968	6.32	4.70	6.98	118	31.1	48.7	55.4	27.7	21.7	39.6	34.7	15.0	34.1	1968
1969	9.64	7.72	5.88	62.7	74.9	30.8	13.9	5.41	3.37	7.57	9.05	6.84	19.8	1969
1970	4.64	4.11	4.09	24.2	91.0	28.1	13.0	4.75	13.4	30.1	31.8	24.4	22.9	1970
1971	9.63	6.57	6.04	30.9	99.5	35.6	18.2	14.5	9.06	31.9	60.8	24.5	30.7	1971
1972	11.9	6.76	5.29	43.7	108	36.7	21.6	16.0	32.8	31.0	21.4	14.0	28.4	1972
1973	8.26	5.43	17.0	76.4	80.7	31.7	24.9	17.2	16.4	20.8	19.7	12.8	27.7	1973
1974	8.19	5.94	5.80	30.2	104	43.0	21.6	40.4	43.3	65.1	45.0	18.0	36.2	1974
1975	13.4	9.66	7.13	27.3	97.8	40.2	7.17	4.29	5.25	13.4	35.3	21.3	23.6	1975
1976	9.37	6.31	6.90	116	75.4	55.0	27.7	10.3	5.46	5.76	5.12	4.23	27.1	1976
1977	5.99	3.99	12.7	108	47.7	11.5	17.4	19.2	63.1	33.4	26.0	12.7	30.0	1977
1978	5.81	4.26	4.13	12.8	74.3	48.1	31.8	12.3	6.64	11.3	9.59	5.59	19.2	1978
1979	4.03	3.84	4.84	63.0	160	52.4	12.8	8.19	35.0	52.4	61.1	19.7	41.6	1979
1980	7.21	4.18	3.64	51.0	93.6	18.7	12.7	12.4	23.1	32.5	23.0	9.15	24.3	1980
1981	5.08	4.84	8.86	63.4	45.0	43.4	19.9	7.84	6.29	7.92	9.16	5.16	19.7	1981
1982	3.65	3.12	2.85	20.2	139	30.8	52.6	14.9	20.4	78.1	56.5	30.0	37.2	1982
1983	10.9	7.98	9.15	37.2	109	31.4	14.5	5.20	6.37	63.4	29.8	17.3	27.4	1983
1984	7.30	6.01	5.58	63.8	72.3	80.4	39.1	14.1	5.94	13.6	25.7	27.7	30.1	1984
1985	9.19	5.27	4.75	52.4	46.3	29.3	23.2	33.8	22.9	51.3	35.4	12.6	27.3	1985
1986	6.32	3.98	3.12	89.0	57.3	17.2	14.4	12.8	17.4	29.2	27.5	11.8	24.2	1986
1987	7.38	5.58	5.10	47.8	21.9	16.0	28.1	21.1	12.4	19.2	26.7	15.4	18.9	1987
1988	8.69	4.00	3.36	65.3	89.1	23.2	7.23	11.2	19.2	40.6	14.4	24.5	1988
1989	7.17	2.57	1.35	23.8	139	20.5	6.82	5.01	1.14	0.296	1.23	6.55	4.09	17.9	1989
1990	2.75	1.85	5.70	50.8	55.8	17.7	14.6	6.57	5.47	19.5	23.0	10.8	17.9	1990
MEAN	7.47	5.19	6.08	55.1	83.9	33.9	21.6	14.7	16.8	29.5	28.9	14.5	26.5	MEAN

LOCATION - LAT 48 41 20 N
LONG 086 12 45 W

DRAINAGE AREA, 1 900 km²
NATURAL FLOW

BLACK RIVER NEAR MARATHON - STATION NO. 02BB002

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)		MAXIMUM DAILY DISCHARGE (m^3/s)		MINIMUM DAILY DISCHARGE (m^3/s)		TOTAL DISCHARGE (dam^3)	YEAR
1967	---		---		---		---	1967
1968	---		---		---		---	1968
1969	182	AT 06:30 EST ON APR 21	229	ON APR 14	4.25	ON FEB 20	1 000 000	1969
			174	ON APR 21	3.00	ON SEP 20	626 000	
1970	185	AT 11:36 EST ON MAY 02	184	ON MAY 02	3.77	ON AUG 27	723 000	1970
1971	207	AT 19:10 EST ON MAY 25	205	ON MAY 26	5.89	ON FEB 20	969 000	1971
1972	199	AT 01:00 EST ON MAY 03	197	ON MAY 03	4.90 B	ON APR 11	898 000	1972
1973	189	AT 17:18 EST ON MAY 10	186	ON MAY 10	4.08 B	ON MAR 03	873 000	1973
1974	162	AT 11:08 EST ON MAY 04	161	ON MAY 04	5.38 E	ON MAR 31	1 140 000	1974
1975	199	AT 14:04 EST ON MAY 06	198	ON MAY 06	3.54	ON AUG 20	744 000	1975
1976	---		246 E	ON APR 20	4.02 B	ON DEC 30	858 000	1976
1977	217	AT 09:30 EST ON APR 23	216	ON APR 23	3.94 B	ON FEB 11	945 000	1977
1978	122	AT 11:43 EST ON MAY 16	122	ON MAY 16	4.08 B	ON MAR 19	606 000	1978
1979	302	AT 16:45 EST ON MAY 12 *	301	ON MAY 12 *	3.45 B	ON FEB 21	1 310 000	1979
1980	232	AT 17:31 EST ON MAY 02	231	ON MAY 02	3.50 B	ON MAR 22	769 000	1980
1981	91.2	AT 16:02 EST ON APR 18	90.3	ON APR 18	3.86 B	ON FEB 16	623 000	1981
1982	217	AT 00:45 EST ON MAY 08	214	ON MAY 08	2.77 B	ON MAR 27	1 170 000	1982
1983	160	AT 21:36 EST ON MAY 04	149	ON MAY 04	4.26	ON SEP 05	863 000	1983
1984	155	AT 23:53 EST ON JUN 13	154	ON JUN 14	4.84	ON SEP 21	952 000	1984
1985	233	AT 09:29 EST ON APR 25	221	ON APR 25	4.60 B	ON MAR 22	861 000	1985
1986	160	AT 09:51 EST ON APR 21	159	ON APR 21	2.91 B	ON MAR 24	763 000	1986
1987	82.9	AT 09:51 EST ON APR 20	82.8	ON APR 20	4.64 B	ON MAR 17	986 000	1987
1988	158	AT 04:43 EST ON MAY 05	157	ON MAY 04	2.44	ON AUG 03	773 000	1988
1989	206	AT 19:05 EST ON MAY 06	204	ON MAY 06	0.032	ON SEP 20 *	563 000	1989
1990	218	AT 22:30 EST ON APR 28	213	ON APR 28	1.30 B	ON MAR 08	566 000	1990
							838 000	MEAN

B - ICE CONDITIONS
E - ESTIMATED

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

BLACK RIVER NEAR WASHAGO - STATION NO. 02EC002

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1915	---	---	---	---	---	15.3	5.10	4.20	4.43	13.4	11.4	14.1	---	1915
1916	23.7	40.6	26.5	110	52.1	20.9	7.02	2.59	1.29	7.99	20.3	43.8	29.6	1916
1917	13.6	7.00	27.2	93.6	39.0	18.2	13.9	7.17	2.72	8.22	12.8	8.13	21.0	1917
1918	4.64	3.78	21.8	80.6	29.4	17.3	6.39	3.27	7.06	16.5	25.7	39.6	22.2	1918
1919	45.1	13.6	58.9	86.5	41.0	23.1	6.96	2.59	1.83	5.44	28.6	31.3	27.1	1919
1920	6.97	4.67	49.6	63.3	28.2	15.7	4.45	1.27	1.34	3.59	14.2	41.7	19.6	1920
1921	18.2	7.00	75.5	63.8	34.9	17.2	4.13	1.92	0.933	2.48	5.08	14.1	20.0	1921
1922	10.1	6.63	34.3	110	32.6	11.7	4.83	5.25	12.2	7.92	9.48	11.3	21.3	1922
1923	7.53	4.45	5.75	93.3	84.1	12.7	9.91	4.82	5.26	4.26	6.51	31.6	24.1	1923
1924	21.2	15.6	25.9	72.7	56.6	23.6	7.30	5.85	4.38	4.11	5.04	7.16	20.7	1924
1925	4.11	8.84	52.7	64.7	19.0	12.3	9.34	5.73	4.81	6.77	39.5	22.1	20.8	1925
1926	12.5	7.22	9.80	71.2	73.2	24.2	20.9	11.9	12.4	21.0	42.9	39.8	30.1	1926
1927	12.5	6.43	53.0	37.6	33.6	35.4	18.7	8.76	4.91	6.73	16.8	33.9	22.4	1927
1928	23.2	15.2	26.3	127	34.9	19.5	16.8	9.54	5.43	35.9	35.4	30.6	31.5	1928
1929	26.1	16.0	72.8	101	70.8	23.8	5.54	3.81	1.32	1.38	2.86	3.03	27.4	1929
1930	20.7	19.8	32.8	70.8	39.6	30.5	13.6	5.06	2.62	2.23	7.00	3.88	20.6	1930
1931	2.75	2.69	3.49	56.9	26.5	9.11	6.31	2.00	2.46	3.29	18.3	25.9	13.5	1931
1932	41.1	35.4	25.9	69.2	27.4	8.36	4.76	3.06	10.5	29.2	55.3	39.6	29.0	1932
1933	26.1	15.2	10.9	87.9	40.3	14.5	4.74	4.73	2.16	1.48	2.46	16.6	18.7	1933
1934	15.6	11.6	18.7	79.7	31.0	12.1	4.77	1.95	4.67	3.39	18.1	21.0	18.5	1934
1935	15.1	11.4	54.1	40.1	16.5	19.0	10.6	4.00	2.23	2.48	19.2	18.9	17.8	1935
1936	8.21	4.81	33.5	84.7	47.9	18.0	4.01	2.11	2.44	3.19	6.67	11.7	19.1	1936
1937	45.6	30.3	18.0	54.7	39.1	11.0	3.55	2.34	3.12	3.55	23.7	13.8	21.1	1937
1938	7.22	16.1	65.2	66.5	21.4	8.43	3.77	2.36	9.66	9.54	11.5	11.9	19.4	1938
1939	14.3	7.56	10.7	86.5	56.3	11.5	4.89	4.81	2.30	4.19	10.9	6.66	18.4	1939
1940	3.68	2.92	2.46	62.8	46.0	21.2	5.75	3.95	16.6	14.1	23.2	24.1	18.9	1940
1941	26.1	12.6	10.9	74.9	21.3	4.20	2.59	2.27	5.09	31.7	49.9	30.3	22.6	1941
1942	19.7	7.70	51.0	61.6	39.3	20.0	4.78	4.28	3.28	7.35	33.8	21.2	22.9	1942
1943	19.1	18.5	43.0	107	84.3	19.3	4.82	4.59	5.32	3.66	19.7	10.5	28.3	1943
1944	6.77	8.48	9.93	60.6	38.3	13.8	8.52	3.55	3.11	3.18	4.61	6.84	13.8	1944
1945	6.46	7.42	74.0	48.0	32.2	30.5	9.95	4.27	2.94	13.0	21.3	12.8	22.0	1945
1946	27.5	14.6	71.4	28.8	21.1	9.31	2.95	2.05	3.00	1.98	4.67	16.1	15.6	1946
1947	16.7	20.7	25.9	126	65.4	35.2	11.1	5.45	2.43	2.23	2.86	6.16	26.2	1947
1948	7.50	5.55	68.0	77.9	28.9	9.88	3.67	2.78	2.09	3.21	19.5	19.8	20.0	1948
1949	25.1	21.4	36.2	82.4	22.2	5.19	2.58	1.23	1.68	2.58	4.50	38.9	20.3	1949
1950	63.8	24.6	20.3	72.7	23.7	5.66	2.82	4.54	1.98	1.94	11.7	28.7	21.9	1950
1951	30.4	18.3	51.1	118	36.0	6.83	7.01	3.31	4.95	12.3	37.1	27.0	29.7	1951
1952	26.0	19.0	10.0	109	28.6	13.5	4.68	3.01	1.19	3.09	15.0	22.5	22.4	1952
1953	16.5	12.7	55.0	51.2	27.2	12.7	8.86	3.42	1.82	1.91	9.09	17.8	19.1	1953
1954	12.6	23.1	53.2	77.1	29.9	9.97	3.20	2.31	16.6	66.9	23.8	12.8	27.6	1954
1955	12.5	8.56	28.5	93.8	22.3	5.79	2.02	1.97	4.23	14.1	33.7	12.9	20.0	1955
1956	7.18	5.24	7.73	64.3	55.6	21.7	15.3	6.56	7.46	7.41	9.46	18.5	18.9	1956
1957	13.3	12.8	29.6	47.1	15.4	13.2	44.9	5.28	7.05	15.7	37.3	41.5	23.6	1957
1958	29.2	11.3	16.4	32.2	10.0	5.30	5.35	3.34	4.55	13.5	14.5	14.8	13.1	1958
1959	12.0	10.4	20.4	108	50.8	15.9	5.19	3.26	3.16	4.34	21.4	33.9	24.1	1959
1960	18.7	18.1	15.8	130	72.5	23.7	15.3	4.79	6.05	1.86	4.85	4.23	26.2	1960
1961	3.48	7.18	29.9	55.9	36.0	16.5	6.98	3.94	4.04	1.71	3.59	25.4	15.8	1961
1962	11.4	7.31	27.5	63.1	46.9	6.15	2.40	1.38	1.34	4.99	17.2	12.4	14.8	1962
1963	7.44	5.19	18.7	60.3	36.9	10.1	3.56	2.28	2.68	2.57	10.3	12.8	14.3	1963
1964	11.8	15.8	30.0	43.6	29.8	7.90	2.34	1.18	0.837	0.759	1.18	12.1	13.1	1964
1965	16.9	17.1	18.9	81.8	43.1	6.66	1.50	1.03	2.59	24.0	31.9	30.5	24.7	1965
1966	30.0	15.3	35.5	42.6	22.5	26.6	5.03	1.57	1.18	5.79	22.5	67.2	22.1	1966
1967	24.2	19.7	14.9	77.7	26.9	37.4	38.0	8.85	5.10	29.6	83.8	49.4	32.9	1967
1968	29.2	33.8	30.6	35.0	12.4	5.95	2.33	1.33	1.32	1.52	4.64	18.2	16.2	1968
1969	11.4	14.1	27.7	77.0	53.4	22.8	15.0	2.32	1.16	2.01	25.1	18.2	22.3	1969
1970	8.03	9.56	12.1	76.5	42.2	10.7	13.2	7.23	5.24	13.5	30.1	32.0	21.7	1970
1971	15.5	12.9	21.6	102	38.4	7.60	4.13	1.63	1.39	1.44	5.15	22.9	19.5	1971
1972	20.4	14.0	14.1	94.3	50.0	13.7	6.13	6.08	4.36	14.5	33.2	22.1	24.3	1972
1973	11.9	11.2	87.0	61.7	32.5	13.6	5.72	5.43	2.00	4.21	22.9	30.4	27.6	1973
1974	20.7	20.0	30.9	88.7	55.1	12.5	4.30	3.09	5.14	21.8	42.7	25.7	27.5	1974
1975	22.3	18.7	34.0	76.0	38.4	6.70	2.10	1.27	2.12	2.47	6.38	27.4	19.8	1975
1976	12.6	13.4	60.0	89.9	16.1	4.29	3.44	2.41	2.22	4.81	11.2	10.8	19.3	1976
1977	8.27	4.42	58.6	93.3	8.50	1.92	1.99	1.72	1.82	10.1	27.6	31.8	17.2	1977
1978	22.3	13.3	12.6	76.0	39.6	8.35	2.29	1.91	1.96	5.26	12.1	18.8	17.9	1978
1979	20.6	15.8	64.3	78.7	31.1	6.47	2.66	2.70	2.26	11.5	36.3	30.3	26.9	1979
1980	28.6	12.8	13.9	88.5	18.4	14.8	14.3	14.6	7.96	26.5	34.3	30.4	27.1	1980
1981	15.0	49.1	45.4	43.5	24.2	10.7	6.10	3.06	6.30	11.6	17.7	16.3	20.5	1981
1982	13.4	12.9	19.6	107	28.7	16.6	8.44	2.97	4.41	11.4	42.1	37.7	29.0	1982
1983	42.0	20.9	37.7	44.8	54.0	18.2	2.55	1.17	1.01	3.98	17.8	25.2	22.5	1983
1984	13.1	42.2	38.8	57.7	26.3	13.2	7.53	3.00	3.65	4.77	25.5	35.9	22.5	1984
1985	40.1	24.3	59.1	103	29.8	7.56	4.81	2.61	21.1	24.6	42.0	30.1	32.3	1985
1986	23.7	20.0	45.9	87.7	21.4	15.9	7.32	6.81	18.1	49.3	19.7	23.0	28.6	1986
1987	13.6	9.38	36.0	55.0	9.57	4.77	2.75	0.971	0.516	1.47	6.70	32.0	14.4	1987
1988	26.1	26.1	26.4	82.4	23.5	4.84	1.18	1.15	1.38	3.47	31.6	19.1	20.6	1988
1989	21.4	12.9	29.6	85.8	41.2	18.9	5.07	1.64	2.86	7.01	40.6	21.8	23.9	1989
1990	22.9	23.1	57.9	55.8	30.1	9.69	3.06	1.66	0.729	4.34	26.3	42.3	23.1	1990
MEAN	18.7	15.1	34.5	74.9	35.7	14.7	7.34	3.76	4.45	9.83	20.9	24.4	22.0	MEAN

LOCATION - LAT 44 42 46 N LONG 079 18 54 W

DRAINAGE AREA, 1 520 km²

NATURAL FLOW

BLACK RIVER NEAR WASHAGO - STATION NO. 02EC002

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)						MAXIMUM DAILY DISCHARGE (m^3/s)				MINIMUM DAILY DISCHARGE (m^3/s)				TOTAL DISCHARGE (dam^3)	YEAR
1915																1915
1916							140		ON	APR 02	1.16		ON	SEP 22	935 000	1916
1917							144	B	ON	APR 05	1.90		ON	SEP 27	661 000	1917
1918							146		ON	APR 03	2.49		ON	FEB 06	700 000	1918
1919							127		ON	MAR 26	0.963		ON	OCT 01	856 000	1919
1920							138		ON	MAR 26	0.510		ON	SEP 02	620 000	1920
1921							141		ON	MAR 25	0.736		ON	SEP 14	632 000	1921
1922							167		ON	APR 17	1.47		ON	AUG 24	672 000	1922
1923							151		ON	MAY 22	3.17		ON	OCT 14	761 000	1923
1924							101		ON	APR 07	2.69		ON	SEP 29	656 000	1924
1925							129		ON	MAR 28	3.03	B	ON	JAN 25	657 000	1925
1926							130		ON	APR 26	7.42	B	ON	FEB 01	951 000	1926
1927							122		ON	MAR 18	3.82		ON	SEP 27	708 000	1927
1928							225	E	ON	APR 10	* 3.85		ON	SEP 09	798 000	1928
1929							132		ON	APR 10	0.736		ON	OCT 03	864 000	1929
1930							105		ON	APR 15	1.33		ON	OCT 16	651 000	1930
1931							78.7		ON	APR 12	0.878		ON	AUG 31	425 000	1931
1932							107		ON	APR 13	2.49		ON	AUG 27	918 000	1932
1933							87.8	E	ON	APR 01	1.19		ON	OCT 08	590 000	1933
1934							110		ON	APR 13	1.33		ON	AUG 31	583 000	1934
1935							109		ON	MAR 25	1.70		ON	SEP 30	562 000	1935
1936							136	B	ON	MAR 31	1.70		ON	AUG 14	603 000	1936
1937							78.4		ON	APR 24	1.93		ON	SEP 02	667 000	1937
1938							166		ON	MAR 27	1.42		ON	SEP 18	611 000	1938
1939							131		ON	APR 25	1.33		ON	OCT 04	579 000	1939
1940							102		ON	APR 20	2.46	B	ON	MAR 01	596 000	1940
1941							100		ON	APR 16	1.47		ON	AUG 17	713 000	1941
1942							99.4		ON	MAR 19	1.77		ON	SEP 05	722 000	1942
1943							154		ON	APR 03	2.18		ON	OCT 12	891 000	1943
1944							88.3		ON	APR 26	1.61		ON	SEP 21	435 000	1944
1945							153		ON	MAR 21	2.38		ON	SEP 16	693 000	1945
1946							112		ON	MAR 17	1.13		ON	AUG 14	524 000	1946
1947							184		ON	APR 13	1.42		ON	OCT 13	827 000	1947
1948							170		ON	MAR 25	1.27		ON	OCT 05	632 000	1948
1949							138	B	ON	MAR 31	0.906		ON	AUG 27	640 000	1949
1950							116		ON	APR 05	1.13		ON	OCT 09	688 000	1950
1951							144		ON	APR 01	2.49		ON	AUG 12	937 000	1951
1952							144		ON	APR 16	2.15		ON	SEP 12	709 000	1952
1953							121		ON	MAR 29	1.42		ON	SEP 15	572 000	1953
1954							146		ON	OCT 17	1.70		ON	AUG 23	870 000	1954
1955							121		ON	APR 21	1.27		ON	AUG 05	629 000	1955
1956							106		ON	APR 07	4.36	B	ON	FEB 24	597 000	1956
1957							123		ON	JUL 03	3.40		ON	SEP 02	746 000	1957
1958							49.8	E	ON	JAN 01	2.72		ON	AUG 19	415 000	1958
1959							133		ON	APR 13	2.83		ON	SEP 14	759 000	1959
1960							163		ON	APR 07	0.821		ON	OCT 18	828 000	1960
1961							74.5		ON	APR 19	1.22		ON	OCT 23	498 000	1961
1962							107		ON	MAR 31	0.917		ON	SEP 04	468 000	1962
1963							121	B	ON	APR 02	1.39		ON	AUG 10	451 000	1963
1964							60.0		ON	APR 16	0.623		ON	OCT 21	414 000	1964
1965							140		ON	APR 16	0.736	E	ON	AUG 01	778 000	1965
1966							128		ON	DEC 09	1.02		ON	SEP 21	729 000	1966
1967							117		ON	APR 04	2.57		ON	SEP 20	1 040 000	1967
1968							118		ON	APR 02	0.963		ON	AUG 17	511 000	1968
1969							113		ON	APR 12	0.739		ON	OCT 09	704 000	1969
1970							123		ON	APR 23	2.57		ON	AUG 11	684 000	1970
1971							158		ON	APR 20	0.951		ON	OCT 07	615 000	1971
1972							173		ON	APR 20	2.32		ON	SEP 25	770 000	1972
1973							153		ON	MAR 14	1.39		ON	SEP 19	870 000	1973
1974							140		ON	APR 18	1.52		ON	AUG 16	868 000	1974
1975	150		AT	04:53	EST	ON	APR 21				149		ON	APR 21	0.906		ON	AUG 24	624 000	1975
1976	200		AT	09:05	EST	ON	APR 03	*			199		ON	APR 03	1.55		ON	AUG 09	609 000	1976
1977											130	B	ON	MAR 15	1.02		ON	JUL 31	542 000	1977
1978	106		AT	10:30	EST	ON	APR 22				106		ON	APR 22	1.25		ON	AUG 15	563 000	1978
1979	148		AT	17:57	EST	ON	MAR 26				147		ON	MAR 26	1.47		ON	OCT 01	850 000	1979
1980	138		AT	02:04	EST	ON	APR 17				136		ON	APR 16	4.85		ON	JUN 19	856 000	1980
1981	158	B	AT	12:00	EST	ON	FEB 26				157	B	ON	FEB 26	2.12		ON	AUG 28	648 000	1981
1982	190		AT	22:49	EST	ON	APR 21				189		ON	APR 22	1.95		ON	AUG 19	882 000	1982
1983	93.4		AT	08:05	EST	ON	MAY 10				93.1		ON	MAY 10	0.653		ON	SEP 12	709 000	1983
1984	104		AT	12:14	EST	ON	DEC 30				103		ON	DEC 31	1.68		ON	AUG 28	712 000	1984
1985	134		AT	05:51	EST	ON	APR 21				133		ON	APR 21	2.07		ON	AUG 24	1 020 000	1985
1986	143		AT	03:30	EST	ON	APR 03				143		ON	APR 03	1.42		ON	SEP 04	838 000	1986
1987	102		AT	06:16	EST	ON	APR 07				102		ON	APR 07	0.437		ON	SEP 19	* 455 000	1987
1988	147		AT	02:29	EST	ON	APR 09				147		ON	APR 09	0.825		ON	AUG 04	652 000	1988
1989	160	B	AT	13:30	EST	ON	MAR 31				159	B	ON	MAR 31	1.05	A	ON	AUG 29	752 000	1989
1990											122	B	ON	MAR 17	0.549		ON	SEP 05	730 000	1990
																			695 000	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX)
B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD
R - REVISED SINCE JAN 01 1989

BLACK STURGEON RIVER AT HIGHWAY NO. 17 - STATION NO. 02AC002

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1971	---	---	---	40.0	106	86.2	19.3	14.8	12.6	29.6	61.8	30.7	---	1971
1972	13.2	7.45	6.84	19.6	76.7	41.4	23.8	21.0	13.2	14.3	12.5	7.99	21.5	1972
1973	6.20	5.75	6.12	33.4	47.2	36.7	30.6	22.1	35.9	31.9	30.6	22.7	24.9	1973
1974	13.1	11.6	10.8	33.9	104	90.9	56.0	28.3	26.7	30.2	28.3	19.6	37.9	1974
1975	17.6	11.7	8.60	17.2	48.5	57.2	33.2	15.4	11.4	12.2	15.9	13.1	21.8	1975
1976	10.9	9.69	8.93	56.9	74.5	45.1	37.7	22.4	12.9	9.28	6.30	4.05	25.0	1976
1977	2.88	2.44	9.85	39.7	55.2	34.9	38.5	19.0	66.3	62.4	44.4	22.7	33.3	1977
1978	13.3	6.79	6.44	15.3	40.3	55.0	24.5	14.8	11.5	8.91	5.83	3.88	17.4	1978
1979	3.69	3.31	4.82	25.5	83.1	42.4	17.5	9.13	7.36	8.72	17.2	13.0	19.7	1979
1980	7.76	6.20	6.44	20.7	60.4	23.6	10.9	10.0	28.2	40.5	33.0	14.6	21.9	1980
1981	7.00	6.42	7.25	33.6	51.2	53.7	31.8	8.38	6.43	7.39	7.17	5.11	18.9	1981
1982	4.17	3.74	3.55	13.5	74.0	32.5	21.8	14.7	11.2	35.4	39.0	31.7	23.9	1982
1983	14.8	9.61	10.2	16.7	60.4	43.1	21.9	8.99	6.34	16.1	24.1	16.7	20.8	1983
1984	10.5	8.31	7.05	28.9	74.0	57.2	44.6	24.2	12.8	12.1	14.5	28.4	27.0	1984
1985	11.3	6.08	5.50	16.1	60.8	45.5	39.7	23.9	28.3	65.4	47.4	22.1	31.2	1985
1986	12.7	9.69	10.4	41.0	88.9	42.2	31.5	14.2	7.88	8.36	10.9	8.56	23.9	1986
1987	7.13	6.46	6.11	9.43	9.94	11.6	6.33	8.94	10.9	14.7	14.0	9.30	9.58	1987
1988	6.15	5.05	5.03	15.7	29.3	29.5	16.3	33.1	29.6	35.7	46.8	35.0	23.2	1988
1989	16.3	11.9	9.90	21.0	109	57.8	31.9	17.0	11.2	7.50	7.68	6.05	25.7	1989
1990	5.65	5.44	5.21	22.8	74.9	42.0	31.3	13.4	8.87	14.5	15.4	11.5	21.0	1990
MEAN	9.74	7.35	7.32	25.5	66.4	46.0	28.5	17.2	18.0	23.2	24.1	16.3	23.6	MEAN

LOCATION - LAT 48 54 13 N LONG 088 22 38 W
DRAINAGE AREA, 2 980 km²
REGULATED

BLACK STURGEON RIVER AT HIGHWAY NO. 17 - STATION NO. 02AC002

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1971	237 AT 08:10 EST ON MAY 26 *	230 ON MAY 26 *	---	---	1971
1972	93.4 AT 02:23 EST ON MAY 02	92.6 ON MAY 02	6.57B ON APR 09	681 000	1972
1973	65.1 AT 09:00 EST ON MAY 09	64.8 ON MAY 09	5.66B ON FEB 20	786 000	1973
1974	131 AT 07:12 EST ON MAY 13	128 ON MAY 13	10.4 B ON APR 03	1 190 000	1974
1975	91.2 AT 14:09 EST ON JUN 17	90.0 ON JUN 17	7.65B ON APR 08	688 000	1975
1976	143 AT 15:37 EST ON APR 17	136 ON APR 17	3.31B ON DEC 31	790 000	1976
1977	---	101 E ON SEP 11	2.35B ON FEB 26 *	1 050 000	1977
1978	---	79.9E ON JUN 03	3.77B ON DEC 12	540 000	1978
1979	128 AT 21:41 EST ON MAY 11	124 ON MAY 12	3.17B ON MAR 01	622 000	1979
1980	82.1 AT 10:31 EST ON MAY 03	81.7 ON MAY 03	5.70B ON MAR 27	693 000	1980
1981	64.1 AT 20:47 EST ON JUN 15	62.6 ON JUN 16	4.54B ON DEC 31	596 000	1981
1982	93.5 AT 04:25 EST ON MAY 15	93.1 ON MAY 15	3.50B ON APR 01	753 000	1982
1983	67.9 AT 04:22 EST ON MAY 15	67.5 ON MAY 15	4.76 ON SEP 28	656 000	1983
1984	93.3 AT 06:40 EST ON MAY 10	92.4 ON MAY 10	6.74B ON MAR 25	853 000	1984
1985	89.4 AT 23:21 EST ON SEP 24	81.9 ON OCT 06	5.35B ON MAR 20	983 000	1985
1986	126 AT 00:06 EST ON MAY 02	121 ON MAY 02	7.01 ON SEP 22	755 000	1986
1987	19.3 AT 09:16 EST ON OCT 19	19.0 ON OCT 18	4.15 ON AUG 09	302 000	1987
1988	71.0 AT 12:34 EST ON NOV 17	70.2 ON NOV 17	4.58B ON MAR 21	735 000	1988
1989	---	123 E ON MAY 17	5.78B ON DEC 31	811 000	1989
1990	94.0 AT 11:40 EST ON MAY 18	93.3 ON MAY 18	5.15B ON MAR 21	663 000	1990
				745 000	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

BLACKWATER RIVER AT BEARDMORE - STATION NO. 02AD010

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1971	---	---	---	---	---	12.5	2.45	1.57	3.06	15.4	12.9	4.81	---	1971
1972	2.41	1.58	1.23	4.59	31.4	6.87	2.29	1.81	5.26	11.9	7.08	2.88	7.24	1972
1973	1.70	1.10	1.80	17.9	19.7	7.49	2.96	2.67	4.77	5.41	6.65	5.29	6.73	1973
1974	1.90	1.24	1.04	3.55	43.9	15.9	10.7	4.01	3.64	10.6	7.95	3.75	9.09	1974
1975	2.37	1.48	1.16	4.18	22.5	22.4	3.98	1.35	0.880	1.94	5.11	2.95	5.87	1975
1976	1.35	0.903	0.846	22.7	19.5	15.7	6.22	2.91	1.52	2.00	2.20	1.41	6.42	1976
1977	1.09	0.951	1.46	25.4	21.5	11.2	10.6	3.23	12.1	8.65	6.88	4.12	9.62	1977
1978	1.90	1.13	0.947	1.85	20.0	23.4	3.88	3.48	2.51	2.37	2.73	1.64	5.49	1978
1979	0.785	0.637	0.920	9.76	32.0	9.58	3.36	1.85	2.96	4.88	9.80	3.55	6.71	1979
1980	2.05	1.31	0.977	11.6	27.7	4.06	1.25	0.755	4.50	7.95	7.73	2.96	6.09	1980
1981	0.585	0.444	1.02	14.7	16.4	10.0	5.41	1.10	0.538	0.991	2.37	1.59	4.80	1981
1982	0.851	0.574	0.532	8.14	37.1	7.12	4.03	1.63	4.13	12.1	9.22	6.15	7.69	1982
1983	1.28	1.13	1.44	3.90	26.3	7.70	4.47	0.921	0.874	9.68	7.43	3.77	5.81	1983
1984	1.96	1.56	1.15	17.2	23.4	13.9	7.01	6.33	3.15	5.11	6.28	9.84	8.09	1984
1985	3.84	1.56	1.19	12.2	20.3	8.11	6.84	10.6	16.1	21.6	13.7	4.65	10.1	1985
1986	2.26	1.67	1.41	20.6	25.6	9.43	6.85	1.71	2.40	8.69	6.38	3.45	7.47	1986
1987	1.87	1.39	1.39	12.4	6.22	3.59	1.74	1.01	2.12	6.52	5.68	3.08	4.08	1987
1988	1.51	1.06	0.898	9.39	23.7	7.88	3.40	6.12	18.6	15.6	10.9	5.00	8.40	1988
1989	2.33	1.78	1.53	3.47	42.1	8.27	4.19	1.92	0.997	2.62	3.18	2.02	6.26	1989
1990	1.19	0.938	1.59	12.6	25.8	7.00	5.76	1.27	1.36	5.64	5.39	3.00	5.99	1990
MEAN	1.85	1.23	1.22	11.3	25.5	10.4	5.67	3.11	4.45	7.98	6.98	3.80	6.94	MEAN

LOCATION - LAT 49 36 10 N LONG 087 57 50 W
DRAINAGE AREA, 650 km²
NATURAL FLOW

BLACKWATER RIVER AT BEARDMORE - STATION NO. 02AD010

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1971	---	---	---	---	1971
1972	---	---	---	---	1972
1973	52.4 AT 01:34 EST ON APR 26	56.1 ON MAY 05	1.10 B ON APR 06	229 000	1973
1974	52.1 AT 22:26 EST ON MAY 24	52.1 ON APR 25 52.1 ON MAY 24	1.04 B ON FEB 15 0.951B ON MAR 15	272 000 287 000	1974
1975	56.1 AT 02:03 EST ON JUN 21	55.5 ON JUN 21	0.773 ON SEP 18	185 000	1975
1976	59.6 AT 05:47 EST ON APR 23	59.2 ON APR 23	0.799B ON MAR 14	203 000	1976
1977	73.3 AT 22:05 EST ON AUG 22 *	72.5 ON APR 25 *	0.844 ON FEB 25	303 000	1977
1978	39.1 AT 05:45 EST ON JUN 05	38.5 ON JUN 05	0.915B ON MAR 25	173 000	1978
1979	48.2 AT 04:36 EST ON MAY 15	48.1 ON MAY 15	0.586B ON FEB 18	211 000	1979
1980	52.4 AT 23:57 EST ON MAY 01	52.3 ON MAY 01	0.687 ON AUG 10	193 000	1980
1981	24.3 AT 11:36 EST ON APR 19	24.2 ON APR 19	0.469 ON SEP 25 *	151 000	1981
1982	---	54.4E ON MAY 02	0.497B ON FEB 20	243 000	1982
1983	37.7 AT 18:52 EST ON MAY 06	37.4 ON MAY 06	0.497 ON SEP 07	103 000	1983
1984	47.9 AT 08:04 EST ON MAY 01	47.7 ON MAY 01	1.00 B ON MAR 12	256 000	1984
1985	60.1 AT 19:04 EST ON SEP 28	59.8 ON SEP 28	1.12 ON MAR 25	319 000	1985
1986	50.2 AT 07:11 EST ON MAY 02	50.1 ON MAY 02	1.30 ON MAR 22	216 000	1986
1987	21.1 AT 18:16 EST ON APR 20	21.1 ON APR 20	1.09 ON MAR 15	129 000	1987
1988	37.5 AT 23:22 EST ON MAY 06	37.3 ON MAY 07	0.850B ON MAR 22	162 000	1988
1989	66.5 AT 20:13 EST ON MAY 09	65.9 ON MAY 09	0.742 ON SEP 18	197 000	1989
1990	66.3 AT 09:19 EST ON MAY 01	65.9 ON MAY 01	0.865B ON FEB 18	189 000	1990
	B - ICE CONDITIONS E - ESTIMATED	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		219 000	MEAN

BLANCHE RIVER ABOVE ENGLEHART - STATION NO. 02JC008

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1968	---	---	---	---	33.3	31.7	20.0	11.7	7.19	17.3	13.4	10.6	---	1968
1969	9.78	8.28	6.16	---	---	25.5	13.7	14.7	5.76	17.7	55.8	34.6	---	1969
1970	14.3	---	---	40.9	78.1	41.0	34.5	10.5	5.79	10.3	11.1	9.88	---	1970
1971	6.33	5.68	8.04	34.9	71.8	20.8	6.49	---	---	---	23.1	27.9	---	1971
1972	10.3	6.45	6.26	26.1	87.6	26.0	14.5	11.8	14.8	---	---	---	---	1972
1973	---	5.94	19.3	64.4	64.0	29.0	17.7	10.5	14.4	22.3	22.3	12.0	---	1973
1974	6.14	5.63	6.51	63.7	106	38.4	27.4	9.69	9.43	21.2	22.2	11.1	27.4	1974
1975	7.17	5.14	5.11	38.4	73.1	48.2	11.9	3.51	3.18	5.51	10.3	10.7	18.5	1975
1976	6.27	5.31	9.91	121	65.9	19.3	6.78	4.06	15.2	18.3	13.5	6.67	24.2	1976
1977	4.42	4.12	10.8	97.8	49.3	18.8	5.84	3.43	3.41	3.94	13.9	9.78	18.3	1977
1978	6.00	5.48	4.10	11.8	93.1	28.9	25.7	9.74	9.15	24.5	14.1	9.78	20.4	1978
1979	6.76	4.69	7.66	71.0	117	52.3	13.7	8.21	12.3	27.1	33.8	20.0	31.3	1979
1980	9.05	6.04	5.36	65.7	62.5	15.8	7.81	5.13	6.46	15.4	15.5	8.68	18.6	1980
1981	5.26	6.28	14.3	110	36.4	21.1	10.0	3.71	3.95	16.9	13.1	7.99	20.9	1981
1982	7.61	4.49	4.38	36.8	70.8	18.4	10.7	5.00	7.54	18.9	22.1	19.0	18.7	1982
1983	8.92	5.76	6.75	46.6	107	49.7	12.9	5.36	3.63	12.8	6.66	6.88	23.0	1983
1984	4.52	8.17	9.48	76.1	43.2	28.4	28.7	10.8	8.56	12.6	28.8	20.3	23.2	1984
1985	11.6	7.11	7.15	70.3	61.1	20.3	24.3	14.2	9.38	12.8	29.6	19.5	24.0	1985
1986	7.68	5.99	5.60	86.1	61.4	14.3	5.62	11.5	20.2	25.2	21.0	11.3	22.9	1986
1987	7.20	5.04	11.6	50.8	30.7	35.6	15.6	9.24	4.51	16.2	14.0	12.1	17.7	1987
1988	8.41	5.87	5.90	106	79.8	17.9	7.62	17.1	14.1	29.5	51.5	23.4	30.6	1988
1989	10.2	6.73	6.84	42.8	105	47.4	16.2	11.2	4.32	4.80	15.5	9.51	23.5	1989
1990	6.78	6.03	20.1	59.8	67.3	20.3	24.5	14.3	14.0	40.2	34.1	24.9	27.8	1990
MEAN	7.75	5.89	8.63	63.8	71.1	28.8	15.7	9.33	8.97	17.8	22.1	14.8	23.0	MEAN

LOCATION - LAT 47 53 21 N LONG 079 52 45 W DRAINAGE AREA, 1 780 km^2 NATURAL FLOW

BLANCHE RIVER ABOVE ENGLEHART - STATION NO. 02JC008

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1968	---	---	---	---	1968
1969	---	---	---	---	1969
1970	269 AT 05:15 EST ON MAY 02 *	246 ON MAY 02	---	---	1970
1971	135 AT 01:23 EST ON MAY 01	---	---	---	1971
1972	227 AT 02:39 EST ON MAY 01	202 ON MAY 01	5.97 ON MAR 23	---	1972
1973	126 AT 01:00 EST ON MAY 03	123 ON MAY 03	4.73 ON FEB 28	---	1973
1974	227 AT 13:22 EST ON APR 28	221 ON APR 28	4.08 ON SEP 09	865 000	1974
1975	159 AT 03:30 EST ON MAY 02	154 ON MAY 02	2.32E ON SEP 03	503 000	1975
1976	268 AT 01:16 EST ON APR 20	260 ON APR 20 *	1.94 ON SEP 02 *	765 000	1976
1977	---	210 E ON APR 23	2.89 ON AUG 28	570 000	1977
1978	---	159 E ON MAY 16	3.96B ON APR 01	642 000	1978
1979	---	221 B ON APR 28	3.85B ON MAR 03	988 000	1979
1980	162 AT 00:00 EST ON APR 29	160 ON APR 29	3.53 ON SEP 16	589 000	1980
1981	214 AT 04:42 EST ON APR 05	204 ON APR 05	3.14 ON SEP 04	651 000	1981
1982	151 AT 01:15 EST ON MAY 01	147 ON MAY 02	3.92 ON SEP 13	591 000	1982
1983	210 AT 18:17 EST ON MAY 20	181 ON MAY 03	3.36 ON SEP 16	724 000	1983
1984	133 AT 23:18 EST ON APR 20	125 ON APR 20	3.80B ON FEB 02	735 000	1984
1985	232 AT 01:15 EST ON APR 25	229 ON APR 25	6.40B ON MAR 24	757 000	1985
1986	144 AT 05:34 EST ON APR 21	139 ON APR 21	4.18 ON JUL 24	723 000	1986
1987	96.3 AT 13:00 EST ON JUN 03	82.9 ON JUN 03	3.91 ON SEP 26	559 000	1987
1988	183 AT 19:16 EST ON APR 14	166 ON APR 14	4.64 ON AUG 02	967 000	1988
1989	158 AT 02:53 EST ON MAY 22	139 ON MAY 22	3.55 ON SEP 21	740 000	1989
1990	178 AT 00:41 EST ON APR 27	172 ON APR 27	4.65B ON MAR 08	877 000	1990
	B - ICE CONDITIONS E - ESTIMATED	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		726 000	MEAN

BLANCHE RIVER AT SWASTIKA - STATION NO. 02JC009

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1968	---	---	1.00	9.40	5.79	4.89	2.68	1.83	1.83	2.79	2.22	1.85	---	1968
1969	1.35	1.22	1.18	6.45	11.4	4.02	1.80	2.18	1.01	3.40	5.79	4.24	4.02	1969
1970	1.29	0.718	0.473	2.06	11.2	5.94	5.09	1.84	0.626	1.25	1.69	2.32	2.90	1970
1971	1.45	1.13	1.50	5.79	13.5	4.01	0.867	0.440	1.15	1.99	3.95	3.45	3.28	1971
1972	1.84	1.08	0.856	1.30	11.3	5.85	---	---	---	---	---	---	---	1972
1974	---	---	---	---	14.8	6.31	6.30	---	---	---	---	---	---	1974
1975	1.14	0.907	0.845	2.97	9.86	7.20	1.39	0.265	0.226	0.349	1.38	1.67	2.36	1975
1976	0.965	0.633	0.865	14.2	10.7	2.42	0.640	0.402	1.02	2.39	1.78	1.11	3.08	1976
1977	0.844	0.761	1.30	10.5	6.97	1.72	0.543	0.226	0.160	0.185	1.04	1.36	2.11	1977
1978	0.789	0.644	0.584	1.20	11.3	---	---	---	---	---	---	---	---	1978
MEAN	1.21	0.887	0.956	5.94	10.7	4.71	2.41	1.03	0.860	1.76	3.12	2.29	2.96	MEAN

LOCATION - LAT 48 06 31 N
LONG 080 06 21 W
DRAINAGE AREA, 251 km²
NATURAL FLOW

BLANCHE RIVER AT SWASTIKA - STATION NO. 02JC009

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1968	---	---	---	---	1968
1969	17.8 AT 12:30 EST ON MAY 04	16.0 ON APR 19 17.7 ON MAY 04	---	---	1969
1970	18.7 AT 05:20 EST ON MAY 02	18.5 ON MAY 02	0.651E ON SEP 25	127 000	1970
1971	17.6 AT 02:28 EST ON MAY 05	17.5 ON MAY 02	0.343 ON SEP 24	91 400	1971
1972	15.0 AT 15:52 EST ON MAY 07	14.9 ON MAY 07	0.283 ON AUG 26	103 000	1972
1974	18.8 AT 14:59 EST ON MAY 03	18.5 ON MAY 03	---	---	1974
1975	17.3 AT 03:50 EST ON MAY 04	17.2 ON MAY 04	---	---	1975
1976	---	30.0 ON APR 20 *	0.139A ON SEP 02 *	74 300	1976
1977	24.3 AT 03:26 EST ON APR 23 *	24.2 ON APR 23	0.238A ON SEP 01	97 400	1977
1978	---	17.0 ON MAY 14	0.139A ON SEP 22	66 600	1978
			---	---	
				93 300	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX)
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

BLOOMFIELD CREEK AT BLOOMFIELD - STATION NO. 02HE001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1970	0.072	0.143	0.519	0.380	0.137	0.057	0.099	0.021	0.021	0.039	0.152	0.198	0.153	1970
1971	0.127	0.154	0.460	0.949	0.142	0.057	0.037	0.021	0.015	0.021	0.019	0.074	0.172	1971
1972	0.143	0.116	0.417	0.569	0.119	0.067	0.046	0.039	0.014	0.063	0.243	0.312	0.177	1972
1973	0.316	0.281	0.538	0.406	0.147	0.053	0.016	0.007	0.006	0.008	0.014	0.065	0.159	1973
1974	0.390	0.189	0.281	0.400	0.201	0.078	0.033	0.010	0.014	0.016	0.038	0.120	0.147	1974
1975	0.255	0.239	0.517	0.391	0.100	0.110	0.024	0.010	0.017	0.027	0.067	0.125	0.156	1975
1976	0.136	0.554	0.687	0.333	0.260	0.110	0.052	0.026	0.022	0.059	0.065	0.083	0.198	1976
1977	0.062	0.049	0.808	0.291	0.075	0.026	0.015	0.012	0.021	0.115	0.229	0.400	0.177	1977
1978	0.417	0.174	0.461	0.538	0.142	0.040	0.013	0.009	0.009	0.012	0.042	0.118	0.197	1978
1979	0.230	0.137	1.02	0.518	0.118	0.030	0.011	0.009	0.021	0.074	0.184	0.315	0.223	1979
1980	0.176	0.055	0.510	0.313	0.114	0.046	0.110	0.078	0.098	0.101	0.159	0.238	0.167	1980
1981	0.082	0.769	0.206	0.091	0.046	0.042	0.030	0.025	0.175	0.086	0.142	0.070	0.142	1981
1982	0.202	0.065	0.420	0.328	0.098	0.142	0.045	0.028	0.020	0.154	0.228	0.226	0.164	1982
1983	0.174	0.214	0.232	0.367	0.305	0.065	0.019	0.015	0.012	0.015	0.126	0.523	0.172	1983
1984	0.143	0.626	0.362	0.638	0.248	0.061	0.031	0.021	0.016	0.011	0.034	0.046	0.184	1984
1985	0.046	0.177	0.784	0.281	0.066	0.035	0.022	0.017	0.019	0.028	0.230	0.161	0.155	1985
1986	0.266	0.174	0.563	0.230	0.133	0.083	0.038	0.035	0.134	0.287	0.202	0.465	0.219	1986
1987	0.152	0.102	0.387	0.435	0.064	0.033	0.024	0.022	0.030	0.035	0.081	0.276	0.136	1987
1988	0.115	0.157	0.366	0.256	0.093	0.029	0.016	0.007	0.004	0.009	0.062	0.095	0.101	1988
1989	0.144	0.082	0.367	0.331	0.200	0.106	0.017	0.009	0.007	0.040	0.111	0.063	0.123	1989
1990	0.302	0.295	0.438	0.383	0.351	0.122	0.070	0.028	0.006	0.038	0.091	0.606	0.228	1990
MEAN	0.190	0.226	0.493	0.420	0.150	0.066	0.037	0.021	0.032	0.059	0.119	0.218	0.169	MEAN

LOCATION - LAT 43 59 26 N
LONG 077 13 06 W
DRAINAGE AREA, 13.9 km²
NATURAL FLOW

REMARKS - DRAINAGE AREA REVISED OCT 1983 USING NEW INFORMATION

BLOOMFIELD CREEK AT BLOOMFIELD - STATION NO. 02HE001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1970	2.63 AT 23:01 EST ON MAR 26	1.99 ON MAR 26	0.014 ON AUG 28	4 830	1970
1971	2.78 AT 21:37 EST ON APR 07	2.26 ON APR 04	0.032 ON SEP 02	5 430	1971
1972	2.40 AT 17:05 EST ON MAR 22	1.68 ON APR 02	0.006 ON SEP 23	5 600	1972
1973	4.87 AT 23:02 EST ON FEB 02	1.79 ON FEB 02	0.003 ON AUG 23	5 010	1973
1974	3.82 AT 14:26 EST ON JAN 27	2.53 ON JAN 27	0.003 ON AUG 26	4 640	1974
1975	3.40 AT 23:10 EST ON MAR 19	2.06 ON MAR 20	0.003 ON AUG 23	4 930	1975
1976	4.79 AT 12:03 EST ON MAR 21	3.48 ON MAR 21	0.014 ON SEP 09	6 250	1976
1977	3.74 AT 11:41 EST ON MAR 13	3.14 ON MAR 13	0.007 ON AUG 03	5 570	1977
1978	---	4.22E ON APR 01	0.005 ON AUG 22	6 220	1978
1979	5.56 AT 07:02 EST ON MAR 05	4.88 ON MAR 05 *	0.006 ON AUG 22	7 030	1979
1980	6.44 AT 20:46 EST ON MAR 21 *	3.23 ON MAR 21	0.022 ON OCT 23	5 290	1980
1981	6.05 AT 21:23 EST ON FEB 20	4.71 ON FEB 20	0.009 ON OCT 17	4 490	1981
1982	4.60 AT 17:57 EST ON MAR 20	1.26 ON MAR 20	0.012 ON MAY 27	5 160	1982
1983	6.10 AT 04:23 EST ON FEB 03	1.63 ON DEC 15	0.010 ON SEP 04	5 440	1983
1984	6.14 AT 17:48 EST ON FEB 14	4.13 ON FEB 14	0.008 ON OCT 30	5 820	1984
1985	3.52 AT 14:41 EST ON MAR 12	2.95 ON MAR 12	0.011 ON AUG 12	4 900	1985
1986	3.06 AT 18:33 EST ON MAR 19	2.42 ON MAR 19	0.017 ON AUG 20	6 890	1986
1987	2.23 AT 14:01 EST ON APR 06	1.92 ON APR 06	0.017 ON JUL 21	4 280	1987
1988	1.53 AT 02:37 EST ON MAR 27	1.33 ON MAR 26	0 ON AUG 14 *	3 190	1988
1989	2.89B AT 13:18 EST ON MAR 15	2.15B ON MAR 15	0.001 ON SEP 08	3 880	1989
1990	2.58 AT 09:14 EST ON MAR 12	2.03 ON DEC 30	0 ON SEP 25	7 180	1990
	B - ICE CONDITIONS E - ESTIMATED	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		5 330	MEAN

BLUE JAY CREEK NEAR TEHKUMMAH - STATION NO. 02CG003

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1985	---	---	---	---	---	---	0.427	0.413	0.421	0.498	0.765	0.542	---	1985
1986	0.507	0.466	1.01	0.747	0.517	0.448	0.422	0.417	0.417	0.489	0.483	0.507	0.537	1986
1987	0.440	0.428	0.709	0.627	0.453	0.416	0.414	0.396	0.407	0.507	0.904	0.770	0.507	1987
1988	0.534	0.604	0.735	1.07	0.500	0.432	0.414	0.419	0.403	0.676	0.972	0.583	0.611	1988
1989	0.546	0.493	0.913	1.01	0.455	0.414	0.387	0.379	0.373	0.362	0.464	0.388	0.515	1989
1990	0.587	0.494	0.988	0.658	0.649	0.446	0.448	0.394	0.399	0.609	0.901	0.663	0.604	1990
MEAN	0.523	0.497	0.871	0.822	0.515	0.431	0.419	0.403	0.403	0.524	0.682	0.577	0.555	MEAN

LOCATION - LAT 45 39 06 N DRAINAGE AREA, 17.9 km^2
LONG 081 59 15 W NATURAL FLOW

REMARKS - STATION ACTIVATED JUNE 28 1985

BLUE JAY CREEK NEAR TEHKUMMAH - STATION NO. 02CG003

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1985	---	---	---	---	1985
1986	3.15 AT 16:50 EST ON MAR 30	2.73 ON MAR 30	0.392 ON SEP 05	16 900	1986
1987	1.73 AT 09:28 EST ON APR 06	1.27 ON MAR 24	0.363 ON SEP 10	16 000	1987
1988	4.05 AT 22:06 EST ON NOV 05	2.64 ON APR 03	0.385 ON SEP 18	19 300	1988
1989	3.13 AT 19:26 EST ON MAR 28	3.50 ON MAR 28	0.349 ON SEP 20 *	16 200	1989
1990	5.56 AT 19:10 EST ON MAR 15 *	3.56 ON MAR 15 *	0.377 ON AUG 24	19 000	1990
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		17 500	MEAN

BLUE SPRINGS CREEK NEAR EDEN MILLS - STATION NO. 02GA031

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1965	---	---	---	---	---	---	---	---	---	0.307	0.474	0.602	---	1965
1966	0.509	0.582	0.986	0.747	0.566	0.397	0.204	0.181	0.158	0.147	0.255	0.511	0.436	1966
1967	0.377	0.400	0.531	1.50	0.648	0.616	0.671	0.342	0.281	0.405	0.449	0.585	0.567	1967
1968	0.439	0.821	1.32	0.872	0.576	0.396	0.271	0.467	0.451	0.354	0.528	0.681	0.597	1968
1969	0.575	0.694	1.03	1.48	0.903	0.538	0.381	0.345	0.189	0.202	0.363	0.262	0.578	1969
1970	0.206	0.230	0.417	1.10	0.598	0.334	0.312	0.231	0.277	0.342	0.512	0.642	0.434	1970
1971	0.428	0.439	0.696	1.54	0.644	0.578	0.370	0.441	0.376	0.217	0.231	0.497	0.537	1971
1972	0.447	0.406	0.498	2.09	0.938	0.580	0.450	0.209	0.247	0.399	0.510	0.620	0.721	1972
1973	0.687	0.703	1.96	1.21	0.823	0.517	0.278	0.262	0.206	0.287	0.518	0.479	0.662	1973
1974	0.657	0.720	1.45	1.28	1.31	0.670	0.391	0.250	0.220	0.203	0.302	0.285	0.644	1974
1975	0.352	0.453	0.982	1.35	0.842	0.530	0.299	0.288	0.295	0.240	0.294	0.435	0.530	1975
1976	0.376	0.801	2.15	1.61	1.37	0.656	0.519	0.346	0.430	0.385	0.404	0.293	0.778	1976
1977	0.237	0.228	1.49	1.11	0.530	0.347	0.247	0.311	0.568	0.870	0.920	1.10	0.668	1977
1978	0.791	0.596	0.710	2.17	1.18	0.597	0.337	0.293	0.345	0.270	0.316	0.375	0.660	1978
1979	0.418	0.306	1.44	1.97	1.28	0.669	0.351	0.312	0.255	0.248	0.414	0.678	0.696	1979
1980	0.620	0.344	0.914	1.28	0.872	0.496	0.366	0.256	0.221	0.266	0.247	0.340	0.519	1980
1981	0.318	0.838	0.627	0.569	0.431	0.304	0.354	0.300	0.412	0.538	0.606	0.430	0.467	1981
1982	0.361	0.306	0.596	1.99	0.717	0.790	0.523	0.342	0.343	0.286	0.533	0.982	0.648	1982
1983	0.664	0.802	0.839	1.15	1.49	0.601	0.312	0.262	0.219	0.250	0.300	0.369	0.580	1983
1984	0.267	0.930	0.914	1.36	0.759	0.543	0.330	0.248	0.268	0.224	0.360	0.408	0.548	1984
1985	0.408	0.601	1.88	2.64	0.831	0.476	0.390	0.432	0.554	0.385	1.17	0.828	0.882	1985
1986	0.657	0.512	1.16	0.834	0.650	0.565	0.632	0.547	1.45	1.77	0.748	0.740	0.857	1986
1987	0.602	0.489	1.00	1.48	0.628	0.369	0.275	0.206	0.181	0.211	0.305	0.544	0.524	1987
1988	0.349	0.419	0.758	0.735	0.544	0.337	0.202	0.208	0.192	0.208	0.397	0.285	0.376	1988
1989	0.396	0.323	0.603	0.696	0.498	0.785	0.275	0.196	0.168	0.192	0.339	0.206	0.389	1989
1990	0.315	0.639	1.18	0.782	0.709	0.490	0.370	0.392	0.292	0.505	0.612	0.917	0.601	1990
MEAN	0.455	0.543	1.05	1.34	0.800	0.523	0.366	0.310	0.344	0.374	0.466	0.543	0.592	MEAN

LOCATION - LAT 43 34 35 N DRAINAGE AREA, 44.5 km²
LONG 080 06 36 W REGULATED

REMARKS - MINOR REGULATION

BLUE SPRINGS CREEK NEAR EDEN MILLS - STATION NO. 02GA031

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1965	---	---	---	---	1965
1966	1.83 AT 01:00 EST ON MAR 20	1.70 ON MAR 20	0.133 ON OCT 08	13 800	1966
1967	4.59 AT 16:00 EST ON APR 03	3.71 ON APR 03	0.221 ON SEP 16	17 900	1967
1968	3.11 AT 14:30 EST ON MAR 19	2.80 ON MAR 20	0.187 ON JUL 27	18 900	1968
1969	2.63 AT 00:08 EST ON APR 06	2.54 ON MAR 26	0.136 ON OCT 07	18 200	1969
1970	2.12 AT 04:03 EST ON APR 10	2.00 ON APR 10	0.159 ON AUG 18	13 700	1970
1971	4.58 AT 05:42 EST ON APR 14	2.49 ON APR 14	0.153 ON DEC 03	16 900	1971
1972	5.66 AT 08:30 EST ON APR 15	5.44 ON APR 15	0.212 ON SEP 21	19 600	1972
1973	4.50 AT 12:46 EST ON MAR 12	4.11 ON MAR 12	0.116 ON SEP 10 *	20 900	1973
1974	4.79 AT 02:40 EST ON MAR 06	4.36 ON MAR 06	0.178 ON OCT 11	20 300	1974
1975	6.77 AT 20:27 EST ON APR 19	4.16 ON APR 19	0.159 ON OCT 31	16 700	1975
1976	7.33 AT 19:53 EST ON MAR 21	5.52 ON MAR 21	0.176 ON SEP 16	24 600	1976
1977	6.64 AT 01:14 EST ON MAR 14	6.48 ON MAR 14	0.116 ON JUL 27	21 100	1977
1978	3.77 AT 09:32 EST ON APR 12	3.57 ON APR 12	0.221 ON OCT 24	20 800	1978
1979	7.33 AT 21:49 EST ON APR 14	5.48 ON APR 15	0.185 ON SEP 28	22 000	1979
1980	6.09 AT 13:06 EST ON MAR 22	5.08 ON MAR 22	0.158 ON SEP 12	16 400	1980
1981	2.98 AT 15:35 EST ON FEB 21	2.91 ON FEB 21	0.192 ON AUG 27	14 700	1981
1982	9.06 AT 12:39 EST ON APR 01 *	7.19 ON APR 01 *	0.232 ON OCT 25	20 400	1982
1983	2.17 AT 23:47 EST ON MAY 03	2.06 ON MAY 04	0.182 ON SEP 14	18 300	1983
1984	2.64 AT 21:33 EST ON APR 06	2.47 ON APR 06	0.192 ON OCT 07	17 300	1984
1985	7.83 AT 17:40 EST ON APR 06	7.06 ON APR 06	0.251A ON FEB 12	27 800	1985
1986	7.96 AT 19:24 EST ON SEP 30	5.54 ON SEP 30	0.283 ON JUL 16	27 000	1986
1987	3.63 AT 19:49 EST ON APR 06	3.35 ON APR 06	0.119 ON SEP 07	16 500	1987
1988	2.57 AT 13:30 EST ON MAR 27	2.39A ON MAR 27	0.133 ON JUL 15	11 900	1988
1989	2.58 AT 15:41 EST ON MAR 29	2.51 ON MAR 29	0.130E ON SEP 30	12 300	1989
1990	4.10 AT 06:48 EST ON MAR 14	3.90 ON MAR 14	0.178 ON JAN 03	18 900	1990
				18 700	MEAN

A - MANUAL GAUGE E - ESTIMATED * - EXTREME RECORDED FOR THE PERIOD OF RECORD
(SEE REFERENCE INDEX)

BLYTH BROOK BELOW BLYTH - STATION NO. 02FE014

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1984	---	---	---	---	---	---	---	---	---	---	---	2.76	---	1984
1985	0.717	3.19	6.63	4.06	0.637	0.264	0.226	0.187	0.307	1.05	2.36	1.21	1.72	1985
1986	1.96	0.671	3.50	1.24	0.615	0.278	0.119	0.135	4.54	2.42	0.725	1.11	1.56	1986
1987	0.730	0.338	3.08	1.42	0.241	0.163	0.154	0.294	0.092	0.599	2.06	2.71	0.996	1987
1988	1.02	1.66	3.19	1.04	0.408	0.079	0.022	0.030	0.079	1.77	2.60	1.75	1.10	1988
1989	1.38	0.590	1.91	1.26	0.379	0.705	0.067	0.053	0.062	0.106	0.912	0.376	0.650	1989
1990	3.16	1.73	2.23	1.19	0.703	0.403	0.264	0.090	0.180	2.04	3.08	2.72	1.48	1990
MEAN	1.38	1.29	3.76	1.70	0.497	0.315	0.142	0.132	0.877	1.33	1.96	1.81	1.25	MEAN

LOCATION - LAT 43 45 38 N DRAINAGE AREA, 77.7 km²
LONG 081 27 48 W NATURAL FLOW

REMARKS - STATION ACTIVATED NOV 1984

BLYTH BROOK BELOW BLYTH - STATION NO. 02FE014

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1984	---	---	---	---	1984
1985	32.7 AT 18:11 EST ON MAR 28	28.5 ON MAR 28 *	0.050 ON AUG 13	54 300	1985
1986	38.7 AT 01:24 EST ON SEP 30 *	33.7 ON SEP 11	0.044 ON AUG 14	49 100	1986
1987	20.4 AT 01:36 EST ON NOV 26	13.7 ON NOV 26	0.036 ON JUL 21	31 400	1987
1988	21.2 AT 19:14 EST ON MAR 25	13.9 ON MAR 25	0.008 ON AUG 23 *	34 800	1988
1989	9.72 AT 01:15 EST ON MAR 29	7.20 ON MAR 28	0.019 ON AUG 03	20 500	1989
1990	25.1 AT 00:46 EST ON DEC 30	18.4 ON DEC 30	0.011 ON AUG 11	46 800	1990
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		39 500	MEAN

BOB CREEK NEAR MINDEN - STATION NO. 02HF004

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1975	---	---	---	---	---	---	---	---	0.018	0.016	0.076	0.374	---	1975
1976	0.135	0.146	1.32	0.881	0.121	0.021	0.020	0.008	0.043	0.041	0.095	0.067	0.242	1976
1977	0.025	0.040	0.857	0.384	0.024	0.003	0.002	0.001	0.014	0.142	0.183	0.237	0.177	1977
1978	0.133	0.045	0.080	0.964	0.238	0.013	0.001	0.006	0.003	0.094	0.224	0.134	0.162	1978
1979	0.124	0.100	0.954	0.727	0.190	0.027	0.007	0.011	0.004	0.216	0.448	0.401	0.268	1979
1980	0.127	0.014	0.463	0.992	0.074	0.196	0.325	0.041	0.045	0.361	0.285	0.204	0.261	1980
1981	0.047	0.14	0.378	0.390	0.202	0.054	0.007	0.017	0.184	0.163	0.168	0.108	0.233	1981
1982	0.092	0.045	0.168	1.48	0.068	0.256	0.003	0	0.033	0.112	0.531	0.718	0.291	1982
1983	0.208	0.156	0.329	0.421	0.646	0.103	0.001	0	0	0.008	0.193	0.145	0.189	1983
1984	0.069	0.402	0.351	0.700	0.283	0.066	0.095	0.011	0.004	0.049	0.381	0.547	0.247	1984
1985	0.171	0.154	0.399	1.17	0.143	0.032	0.020	0.001	0.163	0.370	0.448	0.203	0.272	1985
1986	0.097	0.066	0.667	0.539	0.187	0.135	0.044	0.021	0.214	0.247	0.090	0.136	0.205	1986
1987	0.089	0.057	0.316	0.434	0.070	0.045	0.055	0	0.002	0.018	0.164	0.423	0.140	1987
1988	0.150	0.246	0.301	1.25	0.153	0.005	0	0	0	0.197	0.537	0.128	0.250	1988
1989	0.169	0.092	0.473	1.03	0.368	0.041	0.003	0	0.001	0.036	0.439	0.160	0.234	1989
1990	0.207	0.121	0.657	0.700	0.356	0.033	0.003	0	0	0.022	0.550	0.343	0.250	1990
MEAN	0.123	0.189	0.523	0.805	0.208	0.070	0.039	0.008	0.046	0.130	0.313	0.272	0.228	MEAN

LOCATION - LAT 44 56 07 N, LONG 078 46 07 W DRAINAGE AREA, 21.8 km^2 NATURAL FLOW

BOB CREEK NEAR MINDEN - STATION NO. 02HF004

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1975	---	---		---	1975
1976	8.69 AT 06:03 EST ON APR 01 *	7.31 ON APR 01 *	0 ON AUG 22 *	7 650	1976
1977	5.41 AT 09:01 EST ON MAR 14	4.53 ON MAR 14	0 ON JUL 12	5 580	1977
1978	4.15 AT 19:04 EST ON APR 21	2.11 ON APR 21	0 ON JUN 24	3 140	1978
1979	7.59 AT 10:54 EST ON MAR 25	6.37 ON MAR 25	0 ON JUN 29	8 470	1979
1980	6.41 AT 02:00 EST ON JUL 30	3.92 ON JUL 30	0 ON AUG 20	8 240	1980
1981	5.03 AT 05:05 EST ON FEB 24	4.64 ON FEB 24	0 ON JUL 17	7 360	1981
1982	6.90 AT 01:27 EST ON APR 18	3.94 ON APR 18	0 ON JUL 10	9 180	1982
1983	4.74 AT 18:15 EST ON MAY 08	3.26 ON MAY 08	0 ON JUL 11	5 950	1983
1984	6.27 AT 20:16 EST ON DEC 29	3.73 ON DEC 29	0 ON JUN 26	7 800	1984
1985	3.36 AT 06:23 EST ON APR 19	3.09 ON APR 19	0 ON JUN 13	8 570	1985
1986	4.55 AT 05:24 EST ON MAR 31	3.94 ON MAR 31	0 ON JUL 09	6 450	1986
1987	2.38 AT 10:27 EST ON APR 07	2.04 ON APR 07	0 ON AUG 01	4 410	1987
1988	---	3.30E ON APR 03	0 ON JUN 28	7 900	1988
1989	---	3.08E ON APR 07	0E ON JUL 10	7 380	1989
1990	---	2.90E ON MAR 15	0 ON JUN 18	7 870	1990
	E - ESTIMATED	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		7 200	MEAN

BONNECHERE RIVER AT GOLDEN LAKE - STATION NO. 02KC002

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1915	---	---	---	---	---	---	7.02	7.17	10.4	5.32	3.94	4.35	---	1915
1916	5.50	8.57	9.58	45.6	58.0	26.4	14.8	7.76	8.40	7.05	---	---	---	1916
MEAN	5.50	8.57	9.58	45.6	58.0	26.4	10.9	7.47	9.40	6.19	3.94	4.35	---	MEAN

LOCATION - LAT 45 34 27 N, LONG 077 14 00 W REGULATED DATA CONTRIBUTED BY - ONTARIO HYDRO

BONNECHERE RIVER AT GOLDEN LAKE - STATION NO. 02KC002

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1915	---	---	---	---	1915
1916	---	78.7 ON MAY 09 *	---	---	1916
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		---	MEAN

BONNECHERE RIVER AT RENFREW - STATION NO. 02KC003

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1916	---	---	---	---	---	---	---	---	---	6.14	5.81	6.86	---	1916
1917	9.74	14.6	36.6	58.5	43.4	18.0	9.86	7.14	8.38	8.24	8.31	5.85	19.0	1917
1918	8.14	9.99	10.9	35.1	19.4	15.0	9.06	8.63	7.53	12.0	26.9	27.5	15.8	1918
1919	31.0	23.0	29.6	54.1	84.3	61.9	8.77	6.21	6.53	6.91	11.0	11.0	27.8	1919
1920	13.2	10.3	43.6	25.1	25.0	11.0	7.20	7.00	6.61	6.36	6.87	10.2	14.4	1920
1921	10.2	6.54	43.4	53.7	37.4	12.0	6.29	6.01	6.75	---	---	---	---	1921
MEAN	14.5	12.9	32.8	45.7	41.9	23.6	8.24	7.00	7.16	7.93	11.8	12.3	19.2	MEAN

LOCATION - LAT 45 28 55 N LONG 076 41 15 W
DRAINAGE AREA, 2 280 km² REGULATED
DATA CONTRIBUTED BY - ONTARIO HYDRO

BONNECHERE RIVER AT RENFREW - STATION NO. 02KC003

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1916	---	---	---	---	1916
1917	---	249 ON MAR 28	2.97 ON DEC 27	601 000	1917
1918	---	106 ON APR 02	4.30 ON MAR 03	500 000	1918
1919	---	271 ON MAY 23 *	1.13 ON AUG 03 *	878 000	1919
1920	---	181 ON MAR 13	4.45 ON OCT 17	456 000	1920
1921	---	191 ON MAR 20	---	---	1921
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		609 000	MEAN

BONNECHERE RIVER NEAR CASTLEFORD - STATION NO. 02KC009

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1921	---	---	---	---	---	---	---	---	---	---	6.95	5.20	---	1921
1922	4.65	4.19	17.0	53.5	41.2	19.7	8.98	5.47	5.21	4.41	5.53	5.34	14.6	1922
1923	5.18	5.10	7.99	35.0	63.4	33.9	10.7	6.36	6.14	5.45	5.97	13.6	18.3	1923
1924	12.1	10.9	19.8	55.6	57.0	24.4	7.68	6.71	5.94	6.13	6.22	4.96	18.1	1924
1925	5.81	7.30	33.9	34.1	26.1	28.4	17.9	6.70	6.27	6.57	6.57	6.03	15.5	1925
1926	5.32	5.04	4.79	33.4	52.8	22.9	15.7	10.6	6.93	6.99	10.6	14.1	15.0	1926
1927	13.7	11.2	40.1	30.7	30.1	36.8	20.3	20.0	11.4	9.22	20.4	25.4	22.5	1927
1928	21.5	19.6	21.8	123	71.7	21.2	12.3	15.1	10.6	15.6	29.3	41.7	33.5	1928
1929	23.0	19.5	48.4	113	81.2	19.3	6.99	5.97	5.33	5.53	5.14	3.91	28.1	1929
1930	3.65	6.94	7.48	12.4	10.6	19.7	7.83	4.98	5.06	5.07	4.73	4.64	7.74	1930
1931	4.28	3.85	4.64	19.8	10.7	10.2	5.75	5.60	6.80	6.65	6.39	6.38	7.59	1931
1932	11.0	11.0	11.5	51.1	38.6	11.7	5.00	5.47	5.66	6.44	8.69	11.4	14.8	1932
1933	11.0	9.63	9.60	71.2	48.2	13.3	5.28	5.69	6.08	6.43	5.82	5.52	16.5	1933
1934	4.96	4.42	4.70	42.9	41.3	13.8	4.26	4.62	5.81	6.40	6.39	6.65	12.2	1934
1935	8.35	9.91	31.3	32.3	31.5	14.8	17.3	13.7	5.34	5.74	5.69	6.94	15.3	1935
1936	7.05	8.33	39.1	68.0	66.6	28.1	7.77	7.00	7.49	9.00	9.87	11.2	22.5	1936
1937	16.8	18.8	8.99	44.3	57.0	17.5	9.48	6.04	6.60	6.22	11.0	10.6	17.7	1937
1938	12.4	14.3	41.3	60.3	48.4	23.2	5.10	5.26	8.08	6.20	6.16	5.76	19.7	1938
1939	8.78	7.90	10.8	45.7	36.5	15.4	6.06	6.40	6.06	6.98	6.51	6.01	13.6	1939
1940	6.74	6.46	5.41	45.1	26.7	43.5	7.00	5.49	5.46	4.98	5.18	6.36	14.0	1940
1941	6.91	7.56	8.61	43.8	21.1	4.78	4.64	5.15	5.14	5.35	6.07	6.06	10.5	1941
1942	6.87	7.82	24.7	56.3	41.4	24.9	8.10	5.27	5.99	5.61	6.32	7.21	16.7	1942
1943	6.34	8.13	18.0	65.0	93.8	32.9	8.33	6.10	7.19	7.23	8.01	7.09	22.4	1943
1944	7.70	8.69	10.3	18.4	24.3	12.6	8.69	6.40	7.93	7.07	6.68	6.85	10.5	1944
1945	6.31	4.84	33.7	49.2	44.5	35.3	13.7	7.92	7.95	10.1	10.2	7.70	19.3	1945
1946	11.1	9.40	32.8	24.5	17.6	16.7	7.15	5.62	5.15	5.19	5.28	8.31	12.4	1946
1947	10.9	12.7	18.8	96.7	103	52.0	26.4	16.6	10.8	9.86	8.94	7.93	31.2	1947
1948	8.81	6.00	26.3	39.4	32.4	26.2	7.67	6.49	6.73	6.44	6.43	6.50	14.9	1948
1949	7.27	11.9	26.3	60.6	47.9	12.2	5.71	5.43	7.20	6.52	6.51	3.94	17.4	1949
1950	7.73	4.36	13.3	56.1	39.5	8.80	6.20	6.97	8.08	9.42	11.8	16.3	15.7	1950
1951	21.3	20.6	26.8	114	72.4	21.2	21.7	7.70	8.85	8.57	17.6	24.6	30.4	1951
1952	19.2	21.3	21.5	78.3	56.8	30.1	10.6	7.92	7.73	7.67	7.45	8.30	23.0	1952
1953	5.41	6.48	19.0	38.9	28.6	13.0	6.70	6.88	6.82	7.75	7.62	7.11	12.9	1953
1954	7.88	11.4	20.7	62.8	42.4	39.2	12.7	8.15	13.8	25.5	24.6	26.8	24.6	1954
1955	22.1	19.9	18.4	105	45.5	10.6	6.31	6.90	7.25	10.8	9.85	4.41	22.1	1955
1956	5.31	4.99	10.4	47.4	62.5	35.2	17.0	9.52	10.8	9.05	9.56	9.38	19.3	1956
1957	8.81	8.29	12.0	14.9	20.0	17.4	12.8	5.18	7.38	6.89	9.91	13.4	11.4	1957
1958	15.8	15.0	23.7	54.5	32.9	15.4	9.91	5.10	6.73	7.31	7.80	---	---	1958
1959	---	---	---	---	29.9	10.9	4.59	5.89	5.58	7.21	11.8	---	---	1959
1960	---	---	---	---	62.4	19.6	6.49	4.79	4.35	4.20	6.08	---	---	1960
1961	---	---	---	---	---	14.2	11.3	15.4	7.01	6.97	7.41	---	---	1961
1962	---	---	---	---	---	7.95	4.79	4.11	4.61	8.46	16.2	10.3	---	1962
1963	11.0	11.5	19.5	47.2	36.2	14.5	7.36	7.69	8.81	12.6	18.8	24.9	18.3	1963
1964	17.8	13.0	31.2	35.6	24.8	11.3	3.66	3.37	4.16	4.30	5.12	6.34	13.4	1964
1965	3.66	4.67	5.92	41.9	47.4	10.8	3.81	4.10	5.82	8.77	18.9	27.8	15.3	1965
1966	22.4	20.1	37.9	50.8	41.6	28.3	4.81	5.37	6.01	5.25	8.30	30.5	21.0	1966
1967	20.1	15.9	17.8	60.5	37.6	32.8	29.6	9.13	17.1	50.9	56.7	39.9	32.4	1967
1968	20.6	20.1	42.2	44.3	15.5	15.8	15.1	6.66	7.46	6.43	7.33	8.03	17.4	1968
1969	8.89	9.39	18.7	62.6	82.1	32.7	17.3	8.32	7.35	6.56	8.83	8.46	22.6	1969
1970	9.88	11.5	12.1	49.3	59.1	12.2	11.3	10.2	6.73	6.36	7.63	10.4	17.2	1970
1971	11.1	11.7	15.1	68.1	63.3	14.9	8.34	5.83	7.60	6.66	6.27	10.4	19.1	1971
1972	8.41	8.91	10.0	58.6	75.7	37.6	29.1	19.8	15.2	21.1	54.9	39.3	31.6	1972
1973	26.2	25.2	63.1	109	64.4	32.5	16.1	10.2	9.24	8.42	9.27	13.3	32.2	1973
1974	14.2	15.4	26.8	74.0	92.7	30.4	12.0	8.86	8.27	7.63	12.7	13.4	26.4	1974
1975	15.2	15.5	17.8	56.2	43.0	14.7	6.49	4.50	5.10	6.11	4.98	7.39	16.4	1975
1976	8.46	9.49	44.1	80.4	45.8	19.2	21.2	7.14	9.13	11.4	12.0	11.3	23.3	1976
1977	9.94	10.9	35.2	40.5	18.5	8.57	5.49	3.96	4.51	9.08	11.5	19.2	14.8	1977
1978	17.9	18.9	16.4	81.1	75.8	15.4	7.74	5.30	6.28	6.50	7.53	9.22	22.3	1978
1979	7.49	9.94	33.2	76.7	62.4	22.1	5.52	7.47	6.90	8.71	8.92	20.5	22.5	1979
1980	17.9	9.76	23.8	50.2	38.4	17.2	15.7	14.1	8.09	11.7	22.8	19.0	20.7	1980
1981	16.4	45.1	59.8	43.6	27.5	17.3	10.8	10.4	23.8	21.0	20.7	15.9	25.9	1981
1982	12.4	14.1	22.8	61.1	35.9	19.0	8.30	6.69	6.29	6.62	8.86	18.9	18.4	1982
1983	21.9	18.9	30.8	58.1	87.1	29.9	3.59	5.84	4.75	5.58	8.75	15.3	24.2	1983
1984	14.0	23.0	31.7	97.6	73.2	15.6	8.75	9.46	7.25	5.69	6.55	7.10	24.9	1984
1985	12.2	17.3	42.3	79.2	67.0	7.29	6.00	4.48	4.23	5.24	7.18	7.23	21.6	1985
1986	8.05	10.7	28.2	31.8	21.1	23.3	7.74	13.9	7.93	9.39	7.98	8.91	14.9	1986
1987	11.7	11.3	29.3	67.7	16.9	13.6	6.25	5.39	3.59	3.82	6.26	10.5	15.5	1987
1988	10.5	15.6	22.9	44.9	37.8	5.74	3.13	3.60	2.97	4.31	6.66	8.79	13.9	1988
1989	8.77	8.83	22.9	24.2	31.8	19.7	8.34	4.06	5.32	4.26	10.8	8.36	13.1	1989
1990	10.3	11.4	32.1	56.0	38.8	6.70	10.2	5.01	3.33	4.18	7.37	13.7	16.6	1990
MEAN	11.5	12.2	23.5	56.6	46.6	20.4	10.1	7.50	7.28	8.43	10.8	12.4	19.0	MEAN

LOCATION - LAT 45 29 49 N   DRAINAGE AREA, 2 380 km²
LONG 076 33 50 W   REGULATED

BONNECHERE RIVER NEAR CASTLEFORD - STATION NO. 02KC009

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1921	---	---	---	---	1921
1922	---	---	---	---	1922
1923	---	82.4 ON APR 12	1.98 B ON FEB 19	461 000	1923
1924	---	81.8 ON APR 23	3.17 ON OCT 14	576 000	1924
		98.8 ON APR 05	3.45 ON SEP 27	573 000	
1925	---	---	---	---	1925
1926	---	104 ON MAR 11	4.50 ON NOV 01	489 000	1926
1927	---	126 ON APR 23	4.79 B ON MAR 01	499 000	1927
1928	---	112 ON MAR 15	7.50 ON OCT 16	710 000	1928
1929	---	206 ON APR 06 *	6.57 ON JUL 02	1 060 000	1929
		155 ON APR 08	3.48 ON NOV 25	885 000	
1930	---	---	---	---	1930
1931	---	29.2 ON MAY 31	2.97 ON NOV 02	244 000	1931
1932	---	41.1 ON APR 11	3.40 ON OCT 12	239 000	1932
1933	---	108 ON APR 11	3.40 ON JUL 02	467 000	1933
1934	---	92.0 ON APR 18	3.40 ON AUG 07	521 000	1934
		70.5 ON APR 16	3.57 ON JUL 22	384 000	
1935	---	---	---	---	1935
1936	---	84.7 ON MAR 25	2.89 ON NOV 11	482 000	1936
1937	---	86.7 ON APR 17	5.47 ON JUL 17	711 000	1937
1938	---	156 ON APR 06	4.39 ON AUG 08	560 000	1938
1939	---	123 ON MAR 24	2.58 ON AUG 14	621 000	1939
		71.1 ON APR 22	3.14 ON JUL 23	429 000	
1940	---	---	---	---	1940
1941	---	102 ON APR 18	2.41 ON SEP 30	442 000	1941
1942	---	56.9 ON APR 15	3.26 ON JUN 08	330 000	1942
1943	---	70.2 ON APR 16	3.57 ON NOV 15	527 000	1943
1944	---	118 ON MAY 12	4.11 ON AUG 22	706 000	1944
		35.1 ON APR 26	3.57 ON NOV 26	331 000	
1945	---	---	---	---	1945
1946	---	98.0 ON MAR 19	4.79 ON SEP 03	610 000	1946
1947	---	78.7 ON MAR 14	4.01 ON NOV 11	392 000	1947
1948	---	194 ON APR 12	6.03 ON SEP 13	985 000	1948
1949	---	92.3B ON MAR 20	1.64 ON SEP 19	473 000	1949
		96.3 ON MAR 31	1.90 ON AUG 07	550 000	
1950	---	---	---	---	1950
1951	---	129 ON APR 05	3.34 ON JUL 16	497 000	1951
1952	---	173 ON MAR 31	4.53 ON SEP 03	959 000	1952
1953	---	163 ON APR 06	2.18 ON NOV 02	747 000	1953
1954	---	87.2 ON MAR 27	1.95 ON SEP 27	406 000	1954
		105 ON APR 17	2.18 B ON JAN 10	777 000	
1955	---	---	---	---	1955
1956	---	145 B ON APR 05	2.21 B ON DEC 24	698 000	1956
1957	---	124 ON APR 05	1.64 B ON FEB 06	609 000	1957
1958	---	40.8B ON MAR 14	3.20 ON OCT 12	360 000	1958
1959	---	---	---	---	1959
1960	---	---	---	---	1960
1961	---	---	---	---	1961
1962	---	---	---	---	1962
1963	---	---	---	---	1963
1964	130 B AT 02:00 EST ON MAR 31	90.6 ON APR 01	4.81 ON SEP 02	578 000	1964
	50.7 AT 08:00 EST ON MAR 08	49.3 ON MAR 07	0.668 ON AUG 03 *	423 000	
1965	112 B AT 01:00 EST ON APR 11	75.9B ON APR 10	1.83 ON AUG 01	484 000	1965
1966	78.4B AT 22:00 EST ON MAR 24	70.8B ON MAR 20	2.38 ON AUG 06	607 000	1966
1967	134 AT 20:30 EST ON JUL 02	129 ON OCT 19	6.17 ON AUG 17	1 020 000	1967
1968	149 B AT 19:00 EST ON MAR 29	97.7B ON MAR 29	3.54 ON OCT 20	551 000	1968
1969	170 AT 12:05 EST ON MAY 19	154 ON MAY 19	4.19 ON OCT 26	714 000	1969
1970	106 B AT 22:01 EST ON APR 14	82.4B ON APR 14	3.79 ON JUL 01	544 000	1970
1971	132 AT 23:30 EST ON APR 18	120 ON APR 19	3.79 ON NOV 13	603 000	1971
1972	206 B AT 22:23 EST ON APR 17	119 ON APR 18	7.70 B ON JAN 09	998 000	1972
1973	200 AT 22:48 EST ON APR 02	183 ON APR 03	6.09 ON JUL 21	1 020 000	1973
1974	---	140 ON MAY 13	6.48 ON OCT 25	833 000	1974
1975	234 AT 19:30 EST ON APR 19 *	182 ON APR 19	2.64 ON OCT 11	517 000	1975
1976	203 B AT 20:24 EST ON MAR 25	167 B ON MAR 25	3.47 ON AUG 08	737 000	1976
1977	86.9 AT 14:15 EST ON MAR 29	76.2 ON MAR 29	1.28 ON JUL 31	467 000	1977
1978	172 AT 13:19 EST ON APR 21	165 ON APR 21	1.85 ON AUG 17	704 000	1978
1979	---	150 B ON MAR 25	1.52 ON JUL 07	710 000	1979
1980	---	141 B ON MAR 22	3.29 ON JUL 20	656 000	1980
1981	---	142 B ON FEB 24	7.67 ON JUL 28	816 000	1981
1982	182 B AT 02:40 EST ON APR 01	120 B ON APR 01	2.12 ON JUL 17	580 000	1982
1983	181 AT 15:39 EST ON MAY 08	153 ON MAY 08	1.85 ON JUL 16	764 000	1983
1984	178 AT 13:09 EST ON APR 06	160 ON APR 06	3.06 ON DEC 05	788 000	1984
1985	150 AT 21:46 EST ON APR 06	115 ON APR 06	2.31 ON AUG 18	682 000	1985
1986	---	100 B ON MAR 27	2.16 ON JUL 25	470 000	1986
1987	166 AT 11:53 EST ON APR 05	141 ON APR 05	1.53 ON SEP 07	488 000	1987
1988	---	95.0B ON MAR 26	1.36 ON JUL 13	439 000	1988
1989	---	74.5B ON MAR 29	2.53 ON OCT 01	414 000	1989
1990	100 AT 00:35 EST ON MAR 14	83.0 ON APR 04	2.04 ON AUG 29	524 000	1990
				602 000	MEAN

B - ICE CONDITIONS

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

BONNECHERE RIVER NEAR EGANVILLE - STATION NO. 02KC001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1915	---	---	---	---	---	---	---	---	---	6.77	---	---	---	1915
MEAN	---	---	---	---	---	---	---	---	---	6.77	---	---	---	MEAN

LOCATION - LAT 45 31 40 N
LONG 077 04 50 W

DRAINAGE AREA, 1 740 km^2
REGULATED

DATA CONTRIBUTED BY - ONTARIO HYDRO

BONNECHERE RIVER NEAR EGANVILLE - STATION NO. 02EC001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1915	---	---	---	---	1915
				---	MEAN

BOSTON CREEK NEAR DANE - STATION NO. 02JC007

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1960	---	---	---	---	---	---	0.402	0.054	0.095	0.092	---	---	---	1960
MEAN	---	---	---	---	---	---	0.402	0.054	0.095	0.092	---	---	---	MEAN

LOCATION - LAT 48 03 30 N DRAINAGE AREA, 23.3 km^2
LONG 079 59 30 W NATURAL FLOW

BOSTON CREEK NEAR DANE - STATION NO. 02JC007

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1960	---	---	---	---	1960
				---	MEAN

BOSTON CREEK NEAR YORK - STATION NO. 02GB005

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1913	---	---	---	---	---	---	0.405	0.310	0.263	0.401	2.53	0.796	---	1913
1914	2.35	3.55	17.5	6.99	2.57	0.663	0.299	0.283	0.670	0.330	0.744	1.28	3.10	1914
1915	1.81	7.26	6.09	5.80	1.13	0.438	0.652	2.21	0.611	0.766	1.30	1.40	2.42	1915
1916	11.4	4.55	6.79	8.73	5.12	6.64	0.455	0.221	---	---	---	---	---	1916
MEAN	5.19	5.12	10.1	7.17	2.94	2.58	0.453	0.756	0.515	0.499	1.52	1.16	2.76	MEAN

LOCATION - LAT 43 01 15 N
LONG 079 54 55 W NATURAL FLOW

DATA CONTRIBUTED BY - ONTARIO HYDRO

BOSTON CREEK NEAR YORK - STATION NO. 02GB005

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1913	---	---	---	---	1913
1914	---	60.9 ON MAR 19 *	0.170 ON OCT 11 *	97 900	1914
1915	---	21.5 ON APR 12	0.170 ON JUL 01	76 400	1915
1916	---	33.1 ON MAR 28	---	---	1916
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		87 200	MEAN

BOWMANVILLE CREEK AT BOWMANVILLE - STATION NO. 02HD006

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1959	---	---	---	---	1.75	0.740	0.641	0.630	0.821	0.936	1.10	0.925	---	1959
1960	0.718	1.28	1.62	6.21	4.07	1.30	0.746	0.642	0.625	0.670	0.926	0.608	1.61	1960
1961	0.422	1.30	1.13	1.75	1.17	0.923	0.858	0.740	0.694	0.688	0.899	0.993	0.960	1961
1962	0.701	0.653	2.65	1.30	0.934	0.664	0.595	0.541	0.643	0.850	0.915	0.657	0.921	1962
1963	0.655	0.848	2.39	1.37	1.33	0.911	0.836	0.646	0.493	0.567	0.879	0.569	0.949	1963
1964	0.871	0.685	1.50	1.47	0.782	0.560	0.925	0.893	0.570	0.619	0.692	1.55	0.929	1964
1965	1.20	2.74	1.87	2.50	0.744	0.525	0.628	0.537	0.531	0.969	1.54	1.97	1.30	1965
1966	0.968	1.71	2.52	1.19	1.00	0.687	0.451	0.493	0.496	0.556	1.17	2.02	1.10	1966
1967	1.46	0.936	3.49	2.24	1.01	0.884	0.850	0.732	0.665	1.07	1.39	1.50	1.27	1967
1968	1.39	2.21	2.48	2.56	1.17	0.813	0.609	0.969	0.735	0.756	1.02	1.21	1.28	1968
1969	4.62	2.30	2.67	2.59	1.80	0.816	0.859	0.798	0.619	0.768	1.04	1.02	1.66	1969
1970	0.702	2.13	3.72	2.24	1.25	0.815	0.875	0.663	0.710	0.691	1.07	1.19	1.33	1970
1971	0.739	2.51	2.16	3.94	0.800	0.818	0.757	0.561	0.571	0.702	0.878	1.30	1.10	1971
1972	1.41	0.905	1.97	4.95	0.927	0.668	0.701	1.06	0.777	1.11	1.04	1.37	1.40	1972
1973	1.62	1.74	2.65	1.74	1.26	0.791	0.656	0.637	0.594	0.782	0.990	0.999	1.20	1973
1974	1.58	1.11	2.28	2.20	1.22	0.936	1.05	0.709	0.715	0.757	0.893	1.01	1.21	1974
1975	1.15	1.96	2.51	1.83	1.02	0.726	0.587	0.558	0.707	0.681	0.815	1.03	1.12	1975
1976	1.06	2.12	3.52	1.65	1.76	0.983	0.916	0.748	0.745	0.851	0.886	0.949	1.34	1976
1977	0.422	0.550	3.70	1.67	0.732	0.667	0.574	0.738	0.996	1.17	1.80	1.79	1.24	1977
1978	1.51	0.449	2.66	3.81	1.80	0.914	0.827	0.879	1.07	1.23	1.45	1.29	1.50	1978
1979	0.643	0.510	3.75	2.33	1.29	0.705	0.625	0.928	0.710	0.842	1.26	1.83	1.29	1979
1980	1.39	0.626	5.09	2.45	0.966	1.01	1.13	0.778	0.959	1.35	1.26	1.32	1.53	1980
1981	0.601	3.51	1.70	1.62	1.00	0.785	0.735	0.856	1.06	1.32	1.29	0.726	1.17	1981
1982	0.837	0.688	4.72	3.03	1.04	1.49	0.816	0.706	0.791	0.836	1.39	1.71	1.51	1982
1983	1.43	1.80	1.76	2.23	1.01	0.840	0.642	0.718	0.734	1.02	1.36	1.58	1.33	1983
1984	0.691	3.14	1.98	2.37	1.28	0.738	0.696	0.857	1.08	0.908	1.30	1.37	1.36	1984
1985	0.557	2.53	2.63	2.49	1.17	0.796	0.691	0.655	0.718	0.833	2.04	0.986	1.33	1985
1986	0.811	0.604	2.33	1.39	0.866	0.895	0.736	1.28	2.03	1.58	1.26	1.72	1.30	1986
1987	1.12	0.866	3.67	1.90	0.880	---	---	---	0.913	1.01	1.46	1.71	---	1987
1988	1.79	2.09	2.97	1.71	0.943	0.733	0.553	0.645	0.799	0.960	1.13	1.13	1.30	1988
1989	1.42	0.745	1.51	1.50	1.57	1.11	0.574	0.619	0.845	0.907	1.85	0.811	1.12	1989
1990	1.42	1.79	4.79	2.09	1.27	0.794	0.789	0.657	0.684	1.09	0.960	1.97	1.53	1990
MEAN	1.16	1.52	2.71	2.28	1.27	0.840	0.740	0.728	0.784	0.910	1.19	1.27	1.28	MEAN

LOCATION - LAT 43 55 18 N DRAINAGE AREA, 82.9 km²
LONG 078 42 09 W NATURAL FLOW

REMARKS - STATION TEMPORARILY DISCONTINUED JUN 15 TO AUG 14 1987

BOWMANVILLE CREEK AT BOWMANVILLE - STATION NO. 02HD006

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1959	---	---	---	---	1959
1960	---	40.5 ON MAY 09	0.391 ON JUL 26	51 000	1960
1961	---	9.15 ON APR 16	0.340B ON JAN 21	30 300	1961
1962	---	8.24B ON MAR 21	0.428 ON JUL 08	29 000	1962
1963	15.7B AT 18:30 EST ON MAR 27	7.48B ON MAR 27	0.408 ON SEP 26	30 200	1963
1964	10.0 AT 12:01 EST ON JUL 13	7.22B ON DEC 24	0.377 ON JUL 11	29 400	1964
1965	28.6 AT 19:00 EST ON APR 07	17.6 B ON FEB 10	0.368 ON JUN 27	41 100	1965
1966	---	22.7 B ON MAR 01	0.334 ON JUL 15	34 800	1966
1967	---	8.75B ON MAR 27	0.507 ON AUG 15	40 100	1967
1968	---	13.1 E ON FEB 02	0.439 ON JUL 27	40 500	1968
1969	---	25.5 B ON JAN 31	0.453 ON JUL 20	52 300	1969
1970	31.1B AT 22:09 EST ON MAR 22	10.8 B ON MAR 22	0.487 ON OCT 07	42 000	1970
1971	---	19.8 E ON APR 02	0.411 ON SEP 11	41 000	1971
1972	33.1 AT 14:42 EST ON APR 13	22.1 ON APR 13	0.433A ON MAY 26	44 400	1972
1973	15.1 AT 20:00 EST ON MAR 11	12.9 E ON MAR 04	0.453E ON SEP 08	37 900	1973
1974	18.9E AT 11:30 EST ON MAR 05	13.4 E ON MAR 05	0.538E ON JUN 02	38 000	1974
1975	---	14.2 B ON FEB 24	0.413 ON AUG 20	35 500	1975
1976	21.9 AT 21:06 EST ON MAR 20	16.7 ON MAR 21	0.555 ON AUG 25	42 300	1976
1977	34.3 AT 07:30 EST ON MAR 13	17.2 ON MAR 13	0.360B ON JAN 18	39 100	1977
1978	18.9 AT 22:00 EST ON APR 01	12.1 ON APR 07	0.340B ON MAR 13	47 200	1978
1979	22.4 AT 08:55 EST ON MAR 14	10.8 ON MAR 14	0.415B ON FEB 10	40 700	1979
1980	---	63.9 E ON MAR 21 *	0.300B ON DEC 03 *	48 500	1980
1981	---	20.0 B ON FEB 20	0.545 ON JUL 11	37 000	1981
1982	39.8 AT 19:45 EST ON MAR 31 *	18.5 ON MAR 31	0.580B ON JAN 02	47 500	1982
1983	17.2 AT 13:56 EST ON MAR 19	9.53 ON FEB 03	0.533 ON AUG 21	42 000	1983
1984	---	32.0 B ON FEB 14	0.504 ON AUG 11	42 900	1984
1985	25.7A AT 15:00 EST ON FEB 24	24.0 B ON FEB 24	0.477B ON FEB 11	41 900	1985
1986	---	9.00E ON SEP 11	0.543E ON MAR 09	40 900	1986
1987	---	11.0 B ON MAR 02	---	---	1987
1988	---	9.05B ON MAR 10	0.487 ON JUL 10	41 200	1988
1989	11.3B AT 22:30 EST ON MAR 25	6.54B ON MAR 15	0.497 ON JUL 29	35 400	1989
1990	---	58.0 B ON MAR 12	0.400B ON JAN 13	48 200	1990
				40 400	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX)
B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

BOYLE DRAIN NEAR ATWOOD - STATION NO. 02FE010

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1967	---	---	---	---	---	---	---	---	---	4.25	7.01	6.03	---	1967
1968	0.801	6.15	9.12	2.56	0.465	0.126	0.044	0.897	1.12	1.49	4.47	4.03	2.39	1968
1969	1.62	2.78	6.40	11.8	4.28	0.261	0.028	0.019	0.006	0.031	1.30	0.833	2.42	1969
1970	0.243	0.557	2.46	11.6	1.10	0.163	0.040	0.010	0.040	0.373	1.75	3.03	1.77	1970
1971	0.799	0.607	4.39	12.5	0.243	1.30	0.102	0.136	0.031	0.031	0.080	2.48	1.88	1971
1972	2.25	0.643	4.38	14.5	0.467	0.796	0.648	0.008	0.001	0.866	1.95	2.88	2.44	1972
1973	4.33	1.86	11.9	2.21	2.62	0.390	0.056	0.140	0.009	0.014	1.43	2.14	2.28	1973
1974	5.65	2.65	7.53	7.37	5.35	0.120	0.031	0.007	0.005	0.013	0.269	0.088	2.43	1974
1975	2.57	2.45	6.17	11.8	0.533	0.556	0.025	3.58	2.69	0.370	1.66	4.97	3.10	1975
1976	4.13	8.07	19.0	4.21	2.17	0.015	0.065	0.004	0.176	0.212	1.25	0.696	3.16	1976
1977	0.397	0.473	16.1	2.01	0.119	0.008	0.003	0.100	1.43	2.46	3.28	3.35	2.50	1977
1978	0.814	0.581	1.09	16.3	0.997	0.159	0.006	0.016	0.739	0.224	0.895	1.44	2.11	1978
1979	1.66	0.158	8.17	8.50	---	---	---	---	---	---	---	---	---	1979
MEAN	1.94	2.25	8.23	8.80	1.67	0.354	0.095	0.447	0.568	0.863	2.11	2.65	2.43	MEAN

LOCATION - LAT 43 40 35 N DRAINAGE AREA, 197 km²
LONG 081 04 32 W NATURAL FLOW

BOYLE DRAIN NEAR ATWOOD - STATION NO. 02FE010

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1967	---	---	---	---	1967
1968	10.3 AT 22:30 EST ON NOV 29	29.2 B ON FEB 04	0.017 ON JUL 15	82 000	1968
1969	57.5 AT 01:01 EST ON APR 06	49.6 ON APR 06	0.002 ON SEP 21	76 200	1969
1970	60.0 AT 04:38 EST ON APR 10	54.9 ON APR 10	0.005 ON AUG 13	55 900	1970
1971	43.0 AT 08:02 EST ON APR 10	39.6 ON APR 10	0.011 ON AUG 09	59 400	1971
1972	59.2 AT 04:41 EST ON APR 14	56.1 ON APR 14	0 ON AUG 27 *	77 200	1972
1973	34.5 AT 17:37 EST ON MAR 12	32.0 ON MAR 12	0.001 ON SEP 13	71 800	1973
1974	57.8 AT 02:13 EST ON MAR 06	51.0 ON MAR 06	0.003 ON AUG 20	76 500	1974
1975	82.1 AT 22:15 EST ON APR 19	71.6 ON APR 19	0 ON AUG 20	97 900	1975
1976	90.3 AT 23:00 EST ON MAR 21	76.2 ON MAR 22	0 ON JUN 24	99 900	1976
1977	109 AT 11:38 EST ON MAR 14 *	104 ON MAR 14 *	0 ON JUN 23	78 900	1977
1978	56.1 AT 01:27 EST ON APR 08	54.1 ON APR 08	0.003 ON JUL 10	66 500	1978
1979	---	---	---	---	1979
				76 600	MEAN

B - ICE CONDITIONS * - EXTREME RECORDED FOR THE PERIOD OF RECORD

BOYNE RIVER AT EARL ROWE PARK - STATION NO. 02ED102

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1967	---	---	---	---	---	---	---	---	---	---	1.99	---	---	1967
1968	---	---	---	---	1.19	0.715	0.648	1.16	1.22	1.36	1.72	1.82	---	1968
1969	1.36	1.47	3.83	5.75	3.15	1.11	0.884	0.690	0.580	0.890	1.13	0.841	1.81	1969
1970	1.06	1.23	1.36	8.18	2.37	1.29	1.65	0.604	0.740	0.888	1.25	1.43	1.85	1970
1971	1.02	1.13	1.93	7.89	1.46	0.921	0.648	0.620	0.593	0.627	0.753	1.29	1.57	1971
1972	2.08	0.875	1.06	9.24	2.01	1.69	0.857	0.621	0.573	1.23	1.46	1.49	1.86	1972
1973	4.58	1.52	6.29	3.66	4.36	1.21	0.669	0.861	0.502	0.790	2.02	1.38	1.99	1973
1974	1.92	1.44	7.07	5.05	3.29	1.11	1.38	0.662	0.770	0.781	1.27	0.974	2.15	1974
1975	0.998	1.47	2.92	7.82	2.19	0.864	0.731	0.675	0.890	0.735	0.970	1.50	1.82	1975
1976	---	---	8.04	3.20	4.84	1.29	1.18	0.762	1.33	1.52	1.60	0.937	---	1976
1977	1.03	1.14	7.60	2.68	0.859	0.592	0.717	1.69	2.20	3.09	3.00	2.98	2.31	1977
1978	1.98	1.42	3.29	9.67	2.82	1.42	0.535	0.888	1.32	1.23	1.39	1.35	2.27	1978
1979	1.28	0.955	5.74	4.71	2.74	1.05	0.741	1.01	0.861	1.39	2.22	3.12	2.16	1979
1980	1.58	0.894	3.48	4.50	1.68	1.04	3.42	1.36	1.16	1.80	1.82	2.37	2.12	1980
1981	1.11	5.47	2.54	2.40	2.07	1.17	0.791	1.32	1.85	2.02	2.43	1.72	2.05	1981
1982	1.41	1.13	5.32	8.49	1.53	1.96	1.17	0.944	0.869	1.11	2.79	1.47	2.24	1982
1983	1.70	2.06	2.81	3.42	3.26	1.34	0.557	0.852	1.11	1.32	2.03	2.66	1.84	1983
1984	---	5.94	3.99	4.81	1.93	1.25	0.729	0.680	1.22	1.15	1.82	2.36	---	1984
1985	1.37	3.73	6.41	7.99	1.97	1.34	0.814	1.20	1.12	1.15	3.07	1.93	2.66	1985
1986	2.39	2.53	6.37	3.01	1.74	1.16	0.690	1.06	4.87	3.73	1.99	1.98	2.83	1986
MEAN	1.49	2.02	4.46	5.72	2.17	1.19	0.989	0.929	1.27	1.41	1.83	1.82	2.10	MEAN

LOCATION - LAT 44 09 06 N DRAINAGE AREA, 211 km²
LONG 079 54 08 W NATURAL FLOW

REMARKS - NO DATA PUBLISHED FOR 1987

BOYNE RIVER AT EARL ROWE PARK - STATION NO. 02ED102

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1967	---	---	---	---	1967
1968	---	---	---	---	1968
1969	---	---	---	---	1969
		15.3 ON APR 18	0.442 ON JUL 16	56 900	
1970	41.1 AT 22:30 EST ON APR 08	31.1 ON APR 09	0.113 ON JAN 22 *	58 300	1970
1971	39.6 E AT 10:00 EST ON APR 13	24.8 E ON APR 13	0.405 ON AUG 22	49 500	1971
1972	45.2 E AT 06:37 EST ON APR 19	32.0 E ON APR 19	0.496 ON AUG 02	49 000	1972
1973	82.7 AT 16:12 EST ON APR 08	19.0 ON APR 02	0.374 ON JUL 23	82 800	1973
1974	96.3 AT 02:00 EST ON MAR 05	44.5 ON MAR 05	0.442 ON AUG 26	67 800	1974
1975	122 AT 12:50 EST ON APR 19 *	85.0 ON APR 19 *	0.283E ON JUL 01	57 500	1975
1976	90.6 AT 11:45 EST ON MAR 22	65.1 ON MAR 22	---	---	1976
1977	46.4 AT 17:15 EST ON MAR 13	36.8 ON MAR 13	0.365 ON JUN 23	72 800	1977
1978	25.1 AT 04:34 EST ON APR 12	22.0 ON APR 12	0.411 ON JUL 30	71 700	1978
1979	---	18.7 E ON APR 14	0.467 ON JUL 17	68 100	1979
1980	---	23.5 E ON MAR 21	0.587 ON JUL 14	67 100	1980
1981	24.2 AT 21:41 EST ON FEB 19	21.3 ON FEB 19	0.463 ON JUL 26	64 600	1981
1982	70.8 AT 00:10 EST ON APR 01	61.0 E ON MAR 31	0.472 ON JUL 10	79 300	1982
1983	9.65 AT 19:40 EST ON APR 10	6.99 ON MAR 20	0.359 ON JUL 16	58 000	1983
1984	---	30.0 B ON FEB 14	0.475 ON JUL 27	---	1984
1985	28.5 AT 21:03 EST ON MAR 28	25.8 ON MAR 29	0.590 ON AUG 14	83 800	1985
1986	---	21.7 ON SEP 12	0.374 ON JUL 14	82 900	1986
				66 300	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

BRIGHTSAND RIVER AT MOBERLEY - STATION NO. 04GB005

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1969	---	---	---	---	---	---	20.3	14.7	---	---	---	---	---	1969
1970	---	---	---	---	---	35.1	14.7	---	---	---	---	---	---	1970
1971	---	---	---	---	---	---	8.78	4.56	6.64	---	28.1	---	---	1971
1973	---	4.60	5.20	8.38	13.2	11.0	10.6	6.81	5.56	9.03	9.15	8.95	---	1973
1976	---	---	---	---	---	---	---	---	---	0.497	1.29	---	---	1976
1977	---	---	---	---	---	---	---	---	---	12.0	10.4	9.68	---	1977
1978	6.73	5.00	3.75	3.01	11.3	10.5	12.7	6.10	14.3	8.15	8.99	5.42	9.89	1978
1979	4.24	3.61	4.40	6.85	22.7	30.3	16.5	9.91	8.15	6.99	5.42	5.10	9.32	1979
					22.2	11.8	9.30	11.4	12.6	7.78	9.26	7.91		
1980	6.65	5.45	4.74	6.95	11.9	6.50	3.48	3.72	7.93	10.3	8.89	6.96	6.94	1980
1981	5.41	4.60	5.06	10.1	12.9	12.8	9.08	4.18	1.83	1.99	2.80	3.57	6.03	1981
1982	3.25	3.00	2.95	4.47	17.0	17.8	9.65	9.92	7.76	13.7	16.8	13.7	9.63	1982
1984	7.46	5.66	5.27	4.56	9.41	14.9	14.2	5.56	4.18	6.54	6.77	7.73	7.91	1983
	6.32	5.49	4.45	10.0	22.2	15.7	8.71	5.61	3.62	4.00	5.98	7.38	8.30	1984
1985	6.47	5.05	3.95	8.15	30.4	18.5	13.9	9.17	10.2	24.3	15.5	10.0	13.0	1985
1986	7.15	5.87	5.48	11.7	30.2	14.4	18.0	10.0	6.43	7.33	6.31	5.94	10.8	1986
1987	4.80	4.15	3.99	3.98	5.17	3.15	3.87	4.53	6.41	6.50	5.54	4.66	4.66	1987
1988	4.40	3.57	3.78	6.43	14.8	11.6	11.4	31.9	31.4	16.5	11.2	9.49	13.1	1988
1989	8.68	8.83	5.51	6.85	31.1	17.5	14.2	8.68	7.29	7.07	6.07	5.80	10.5	1989
1990	5.21	4.83	5.07	8.10	27.3	30.9	15.4	8.52	6.53	7.09	5.68	5.31	10.9	1990
MEAN	5.91	4.84	4.54	7.25	18.2	16.1	11.9	9.10	8.68	8.85	9.17	7.44	9.29	MEAN

LOCATION - LAT 49 37 25 N LONG 090 34 19 W DRAINAGE AREA, 1 170 km^2 NATURAL FLOW

BRIGHTSAND RIVER AT MOBERLEY - STATION NO. 04GB005

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1969	---	---	---	---	1969
1970	---	---	---	---	1970
1971	---	---	---	---	1971
1973	---	---	---	---	1973
1976	---	---	---	---	1976
1977	18.5 AT 16:00 EST ON SEP 15	18.3 ON SEP 15	4.47E ON APR 13	---	1977
1978	39.1 AT 18:47 EST ON JUN 05	29.5 ON JUN 05	3.40E ON MAR 24	112 000	1978
1979	28.0 AT 16:41 EST ON MAY 16	27.4 ON MAY 16	3.43 ON FEB 13	294 000	1979
1980	15.5 AT 15:11 EST ON MAY 01	15.3 ON MAY 02	2.89 ON JUL 15	220 000	1980
1981	16.5 AT 15:30 EST ON MAY 02	16.4 ON MAY 02	1.32 ON SEP 25 *	130 000	1981
1982	21.3 AT 18:37 EST ON MAY 21	21.0 ON MAY 22	2.83E ON MAR 09	304 000	1982
1983	10.4 AT 18:43 EST ON JUL 09	10.0 ON JUL 09	2.65 ON SEP 07	243 000	1983
1984	25.6 AT 17:34 EST ON MAY 13	25.3 ON MAY 13	3.32 ON SEP 24	282 000	1984
1985	37.5 AT 17:37 EST ON MAY 18	37.0 ON MAY 19	1.60 ON MAR 26	411 000	1985
1986	35.7 AT 14:01 EST ON MAY 09	35.1 ON MAY 09	3.09 ON MAR 27	340 000	1986
1987	7.52 AT 18:06 EST ON OCT 29	7.38 ON OCT 29	1.24 ON JUL 11	147 000	1987
1988	43.9 AT 21:32 EST ON AUG 18 *	43.4 ON AUG 18 *	1.43 ON FEB 13	414 000	1988
1989	38.0 AT 14:51 EST ON MAY 14	37.9 ON MAY 14	5.35 ON MAR 31	331 000	1989
1990	---	37.0 E ON JUN 15	4.16 ON MAR 11	342 000	1990
				293 000	MEAN

E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

BROWNS CREEK AT CARLISLE - STATION NO. 02HB022

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1989	---	---	---	---	---	---	---	0.334	0.252	0.293	0.716	0.468	---	1989
1990	1.01	2.05	3.37	1.51	1.64	0.713	0.484	0.499	0.359	0.697	1.10	2.72	1.35	1990
MEAN	1.01	2.05	3.37	1.51	1.64	0.713	0.484	0.417	0.306	0.495	0.908	1.59	1.35	MEAN

LOCATION - LAT 43 23 21 N LONG 079 59 18 W DRAINAGE AREA, 117 km² NATURAL FLOW

REMARKS - STATION ACTIVATED IN 1989. REPLACES STATION NO. 02HB016

BROWNS CREEK AT CARLISLE - STATION NO. 02HB022

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1989	---	---	---	---	1989
1990	13.1 AT 02:41 EST ON MAR 14 *	12.3 ON MAR 14 *	0.211 ON SEP 29 *	42 400	1990
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		42 400	MEAN

BROWNS CREEK AT PROGRESTON - STATION NO. 02HB016

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1977	---	---	---	---	---	0.539	0.544	0.488	1.16	2.28	1.89	2.66	---	1977
1978	1.83	1.28	2.54	6.14	2.27	0.731	0.380	0.290	0.529	0.503	0.623	0.811	1.49	1978
1979	0.768	0.509	5.14	4.84	1.98	1.04	0.560	0.477	0.458	0.565	1.10	2.43	1.66	1979
1980	2.34	0.459	2.32	4.15	1.90	0.675	0.426	0.578	0.382	0.485	0.493	0.752	1.25	1980
1981	0.367	2.25	1.64	1.30	0.813	0.414	0.477	1.01	1.73	1.89	2.07	1.52	1.28	1981
1982	0.652	0.513	1.48	4.55	0.854	1.52	0.508	0.749	0.852	1.12	1.12	1.38	1.78	1982
1983	2.18	1.99	2.19	3.08	2.68	1.16	0.426	0.446	0.402	0.490	0.907	1.54	1.46	1983
1984	0.996	2.94	2.68	3.47	1.43	0.929	0.636	0.478	0.511	0.504	0.906	1.16	1.38	1984
1985	0.817	1.34	5.29	4.02	0.853	0.577	0.500	0.511	---	---	---	---	---	1985
MEAN	1.24	1.41	3.15	4.07	1.60	0.843	0.495	0.562	0.756	0.980	1.26	1.78	1.47	MEAN

LOCATION - LAT 43 23 55 N LONG 079 57 34 W DRAINAGE AREA, 124 km² REGULATED

REMARKS - DISCHARGE DATA NOT AVAILABLE AFTER SEP 22 1985. STATION DISCONTINUED DEC 31 1986. REPLACED BY STATION 02HB023.

BROWNS CREEK AT PROGRESTON - STATION NO. 02HB016

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1977	4.67 AT 12:54 EST ON OCT 02	---	---	---	1977
1978	13.4 AT 13:26 EST ON APR 02	10.8 ON APR 02	0.201 ON JUL 25 *	47 000	1978
1979	12.6 AT 02:09 EST ON APR 15	12.0 ON APR 15	0.301 ON OCT 03	52 400	1979
1980	11.1 AT 13:15 EST ON MAR 21	9.48 ON MAR 21	0.324 ON JUL 26	39 500	1980
1981	7.10 AT 00:07 EST ON FEB 21	7.10 ON FEB 21	0.280 ON JUL 17	40 400	1981
1982	15.6 AT 08:04 EST ON APR 01 *	14.8 ON APR 01 *	0.309 ON JUL 15	56 000	1982
1983	9.40 AT 21:22 EST ON FEB 03	9.01 ON FEB 03	0.213 ON JUL 28	45 900	1983
1984	8.04 AT 05:14 EST ON APR 06	7.90 ON APR 06	0.260E ON AUG 27	43 500	1984
1985	9.71 AT 14:44 EST ON MAR 29	9.44 ON MAR 29	0.284 ON AUG 13	---	1985
	E - ESTIMATED	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		46 400	MEAN

BRONTE CREEK NEAR ZIMMERMAN - STATION NO. 02HB011

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1963	---	---	---	---	---	---	---	---	---	---	---	---	---	1963
1964	0.698	0.444	3.39	3.71	2.35	0.759	1.28	1.38	0.884	0.192 0.602	0.363 0.746	0.454 1.89	--- 1.52	1964
1965	1.88	0.96	9.98	11.8	2.64	0.646	0.752	0.762	0.455	---	---	---	---	1965
1966	---	---	---	---	2.40	1.56	0.313	0.257	0.218	0.297	1.17	4.01	---	1966
1967	2.37	1.26	3.71	8.11	4.94	2.95	3.11	0.975	0.604	1.96	2.64	2.58	2.75	1967
1968	1.52	4.73	8.20	5.25	4.42	2.01	0.807	1.67	1.96	1.43	2.83	5.29	2.04	1968
1969	4.33	2.63	4.35	7.18	4.04	1.31	0.801	1.08	0.419	0.698	2.11	1.50	2.53	1969
1970	0.702	1.23	3.34	5.94	2.82	0.764	0.790	0.660	0.991	1.94	2.90	3.74	2.15	1970
1971	2.08	2.30	5.80	7.13	1.78	1.06	0.657	0.409	0.514	0.585	0.596	2.17	2.08	1971
1972	2.22	0.936	2.84	9.77	4.86	1.58	1.77	1.50	0.774	2.06	3.64	3.85	4.85	1972
1973	3.88	3.68	10.8	5.27	3.12	1.62	0.735	0.662	0.591	1.18	3.39	3.08	3.17	1973
1974	4.89	4.56	6.90	5.76	7.29	2.89	0.989	0.532	0.710	0.805	1.05	1.50	3.15	1974
1975	1.41	2.55	5.40	5.31	2.88	1.24	0.497	0.720	1.30	1.32	2.06	2.71	2.28	1975
1976	4.50	6.97	11.7	5.92	5.67	1.98	1.58	0.929	1.70	1.69	1.33	0.754	3.53	1976
1977	0.513	0.585	10.1	5.84	2.06	1.14	1.05	0.985	1.71	1.77	1.50	5.35	3.18	1977
1978	1.18	2.31	5.42	10.8	3.91	1.41	0.678	0.511	0.910	0.897	1.25	1.92	2.76	1978
1979	1.96	1.31	8.32	8.51	3.62	1.80	1.01	0.915	0.857	1.04	1.94	4.79	3.02	1979
1980	3.68	0.772	4.19	6.98	3.06	1.25	0.733	0.826	0.644	0.913	0.945	1.49	2.12	1980
1981	0.520	5.98	2.73	2.29	4.51	0.820	0.876	1.73	2.98	3.54	3.26	2.43	2.34	1981
1982	1.13	0.964	5.70	10.0	5.98	2.14	1.30	1.74	1.91	2.13	1.66	5.84	3.17	1982
1983	3.01	4.70	4.21	5.70	2.67	2.21	0.784	0.968	0.718	1.01	2.02	3.14	2.65	1983
1984	1.42	5.97	4.60	6.43	2.82	1.12	0.749	0.892	0.683	1.44	1.90	2.47	2.47	1984
1985	1.74	3.80	11.4	7.81	1.75	0.959	0.965	1.01	1.21	1.42	7.64	3.95	3.63	1985
1986	1.89	1.61	7.37	3.68	2.40	1.58	2.07	1.26	2.83	6.48	3.10	4.33	3.23	1986
1987	2.52	1.80	5.76	7.44	1.70	---	---	---	---	---	---	---	---	1987
MEAN	2.21	3.05	6.36	6.73	3.04	1.59	1.07	0.967	1.16	1.58	2.32	3.02	2.76	MEAN

LOCATION - LAT 43 26 13 N LONG 079 51 52 W
DRAINAGE AREA, 235 km²
REGULATED

REMARKS - DISCONTINUED JUN 8 1987

BRONTE CREEK NEAR ZIMMERMAN - STATION NO. 02HB011

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1963	---	---	---	---	1963
1964	19.9 AT 06:40 EST ON JUL 13	8.86 ON APR 30	0.289 ON JUL 08	48 000	1964
1965	28.6 AT 04:00 EST ON APR 12	26.3 ON APR 12	---	---	1965
1966	---	---	---	---	1966
1967	32.6 AT 00:15 EST ON APR 03	21.7 ON APR 03	0.328 ON SEP 07	86 600	1967
1968	24.5B AT 16:30 EST ON MAR 18	15.7 B ON FEB 04	0.328 ON AUG 05	96 100	1968
1969	27.8B AT 19:20 EST ON JAN 30	13.6 ON APR 19	0.351 ON SEP 22	79 900	1969
1970	13.9 AT 15:00 EST ON APR 02	8.78 ON APR 04	0.334 ON AUG 18	67 900	1970
1971	16.7 AT 20:16 EST ON APR 02	14.6 ON APR 02	0.286 ON AUG 09 *	65 700	1971
1972	25.3 AT 09:12 EST ON APR 14	24.0 ON APR 14	0.635 ON SEP 06	89 000	1972
1973	23.9 AT 12:47 EST ON MAR 14	18.7 ON MAR 17	0.574 ON SEP 13	99 900	1973
1974	25.5 AT 01:44 EST ON MAR 05	22.7 B ON JAN 27	0.416 ON AUG 29	99 300	1974
1975	19.1B AT 21:23 EST ON FEB 24	13.0 B ON FEB 25	0.365 ON AUG 02	71 900	1975
1976	26.2 AT 15:49 EST ON MAR 21	25.1 ON MAR 21	0.493 ON SEP 00	112 000	1976
1977	34.0 AT 23:23 EST ON SEP 24 *	20.9 ON MAR 13	0.445B ON FEB 07	100 000	1977
1978	25.4 AT 16:39 EST ON APR 01	20.4 ON APR 02	0.396 ON JUL 26	87 000	1978
1979	25.3 AT 18:50 EST ON APR 14	22.5 ON APR 15	0.685 ON SEP 28	95 200	1979
1980	22.6 AT 19:44 EST ON APR 14	17.0 B ON MAR 21	0.489 ON SEP 12	67 000	1980
1981	---	23.0 B ON FEB 20	0.436 ON JUL 17	73 900	1981
1982	30.6 AT 07:15 EST ON APR 01	29.7 ON APR 01 *	0.790B ON FEB 14	105 000	1982
1983	18.3 AT 10:26 EST ON FEB 03	15.1 ON FEB 03	0.416 ON SEP 15	89 800	1983
1984	20.1 AT 09:40 EST ON APR 05	16.1 ON APR 06	0.460 ON AUG 27	78 000	1984
1985	25.1 AT 22:38 EST ON MAR 31	20.2 ON APR 01	0.400E ON AUG 13	115 000	1985
1986	---	17.6 E ON MAR 19	0.544 ON SEP 09	102 000	1986
1987	19.9 AT 23:50 EST ON APR 06	18.7 ON APR 06	---	---	1987
				87 100	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

BROUGHAM CREEK AT BROUGHAM - STATION NO. 02HC044

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1974	---	---	---	---	---	---	0.004	0	0	0	0	0	---	1974
1975	0.002	0.081	0.047	0.041	0.009	0	0	0	0	0	0	0.001	0.015	1975
1976	0	0.077	0.135	0.029	0.026	0.003	---	---	---	---	---	---	---	1976
MEAN	0.001	0.079	0.091	0.035	0.018	0.002	0.002	0	0	0	0	0.001	0.015	MEAN

LOCATION - LAT 43 54 57 N LONG 079 06 23 W
DRAINAGE AREA, 3.63 km²
NATURAL FLOW

BROUGHAM CREEK AT BROUGHAM - STATION NO. 02HC044

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1974	---	---	0 ON JUN 27 *	---	1974
1975	4.08 AT 19:02 EST ON FEB 24 *	1.57 ON FEB 24 *	0 ON JAN 01	463	1975
1976	---	0.796 ON MAR 20	0 ON JAN 01	---	1976
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		463	MEAN

BUELLS CREEK AT BROCKVILLE - STATION NO. 02MB010

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1989	---	---	---	---	---	---	---	---	---	0.424	0.952	0.287	---	1989
1990	0.615	0.969	1.18	1.12	0.790	---	---	---	0.181	0.559	0.462	---	---	1990
MEAN	0.615	0.969	1.18	1.12	0.790	---	---	---	0.181	0.492	0.707	0.287	---	MEAN

LOCATION - LAT 44 35 00 N LONG 075 41 32 W DRAINAGE AREA, 13.1 km^2 NATURAL FLOW

BUELLS CREEK AT BROCKVILLE - STATION NO. 02MB010

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1989	---	2.10 ON NOV 16 *	---	---	1989
1990	6.69 AT 01:54 EST ON FEB 23 *	---	---	---	1990
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		---	MEAN

BURSLEY CREEK ABOVE WARKWORTH - STATION NO. 02HK009

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1983	---	---	---	---	---	---	0.271	0.408	0.374	0.688	0.807	0.941	---	1983
1984	0.466	1.82	1.17	1.82	1.26	0.712	0.415	0.552	0.534	0.438	0.678	0.774	0.881	1984
1985	0.472	1.13	1.75	1.52	0.771	0.524	0.311	0.370	0.545	0.616	1.46	0.744	0.847	1985
1986	0.681	0.556	2.42	1.01	0.637	0.551	0.338	0.503	0.963	0.844	0.779	1.13	0.871	1986
1987	0.646	0.466	1.98	1.84	0.578	0.526	0.317	0.315	0.460	0.579	0.765	0.869	0.780	1987
1988	0.782	0.544	2.05	1.04	0.608	0.295	0.213	0.196	0.320	0.614	0.774	0.512	0.663	1988
1989	0.502	0.695	1.57	0.872	1.03	0.848	0.221	0.253	0.415	0.820	1.13	0.317	0.704	1989
1990	1.20	1.64	2.53	1.80	1.32	0.574	0.487	0.340	0.301	0.795	0.730	1.49	1.10	1990
MEAN	0.678	0.979	1.92	1.41	0.886	0.576	0.322	0.367	0.489	0.649	0.900	0.847	0.835	MEAN

LOCATION - LAT 44 11 45 N LONG 077 54 42 W DRAINAGE AREA, 82.3 km^2 REGULATED

BURSLEY CREEK ABOVE WARKWORTH - STATION NO. 02HK009

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1983	---	---	0.174 ON SEP 14	---	1983
1984	16.5 AT 23:55 EST ON FEB 14	10.6 ON FEB 15	0.267 ON JUL 26	27 900	1984
1985	---	5.74 ON MAR 12	0.196 ON AUG 13	26 700	1985
1986	---	9.60B ON MAR 19	0.207 ON JUL 11	27 500	1986
1987	10.1 AT 06:50 EST ON APR 05	8.34 ON APR 05	0.152 ON JUL 26	24 600	1987
1988	21.6 AT 08:24 EST ON MAR 26	15.2 ON MAR 26	0.126 ON AUG 11 *	21 000	1988
1989	17.0B AT 16:00 EST ON MAR 15	7.80B ON MAR 27	0.179 ON JUL 26	22 200	1989
1990	33.0B AT 15:36 EST ON MAR 12 *	21.1 B ON MAR 12 *	0.205 ON AUG 11	34 600	1990
	B - ICE CONDITIONS	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		26 400	MEAN

BURNT RIVER NEAR BURNT RIVER - STATION NO. 02HF003

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1962	---	---	---	---	---	---	---	---	10.5	11.6	15.6	11.7	---	1962
1963	6.95	5.53	14.0	35.9	24.7	9.89	9.15	6.70	6.86	5.50	7.86	8.17	11.8	1963
1964	6.86	8.06	13.7	34.4	29.1	11.5	9.39	7.02	5.01	3.25	3.34	11.0	11.9	1964
1965	10.8	10.2	9.16	55.0	32.1	9.54	6.63	6.49	7.85	25.0	30.3	33.9	19.8	1965
1966	21.3	12.2	21.3	28.5	26.2	25.1	8.85	7.39	5.78	5.84	20.4	46.5	19.2	1966
1967	15.1	13.3	10.4	50.3	24.0	41.7	31.8	11.2	13.5	33.7	49.6	32.6	27.3	1967
1968	18.8	24.8	22.9	33.1	9.03	9.01	8.06	8.33	7.37	5.76	7.39	14.1	14.0	1968
1969	10.4	12.6	15.1	50.2	46.7	16.8	12.4	7.58	7.47	6.77	12.7	10.9	17.5	1969
1970	5.65	6.02	5.50	46.2	23.6	9.02	13.5	7.49	8.54	10.9	19.3	19.4	14.6	1970
1971	11.5	9.78	15.5	75.2	28.4	10.7	9.55	9.30	7.63	5.27	4.94	11.8	16.6	1971
1972	11.0	8.98	8.23	56.2	48.1	29.6	14.4	10.4	9.72	16.1	24.9	19.5	21.4	1972
1973	27.0	24.3	61.6	45.6	27.9	13.7	10.4	7.34	5.78	6.25	11.7	17.2	21.6	1973
1974	16.1	17.1	23.4	68.3	60.5	12.3	10.8	6.67	12.2	21.3	33.9	21.5	25.3	1974
1975	15.1	11.2	20.3	55.5	28.3	13.5	10.1	6.04	5.12	5.43	5.61	14.4	15.9	1975
1976	9.40	10.8	45.2	73.5	24.7	7.94	12.6	8.09	7.55	9.06	7.91	8.31	16.7	1976
1977	5.84	5.32	31.8	28.5	9.01	5.85	4.26	5.35	4.27	10.4	21.7	27.3	13.3	1977
1978	18.0	11.3	8.74	37.9	40.9	6.74	8.31	5.77	9.73	11.0	14.5	16.9	17.1	1978
1979	17.1	11.3	44.5	61.2	31.7	14.2	8.97	7.19	7.71	13.6	23.7	40.0	23.5	1979
1980	25.8	8.34	24.1	66.8	15.8	13.4	18.2	13.5	11.2	15.8	23.2	21.1	21.4	1980
1981	10.4	36.5	27.8	45.9	24.5	10.8	10.1	7.40	19.9	17.4	15.8	13.5	19.8	1981
1982	10.1	8.77	12.0	75.1	18.8	22.2	9.45	5.96	8.28	12.5	33.0	57.5	22.8	1982
1983	29.2	14.2	20.9	34.8	64.2	15.6	7.13	7.13	6.15	5.36	10.3	13.9	19.1	1983
1984	8.47	24.5	24.0	54.3	23.4	10.2	8.23	8.87	9.46	7.42	15.3	22.0	17.9	1984
1985	33.4	17.5	38.2	80.3	23.6	11.4	9.06	7.72	18.4	20.0	31.1	25.0	26.3	1985
1986	14.4	10.1	26.1	45.6	27.4	20.6	12.2	10.3	17.7	32.4	13.4	14.0	20.8	1986
1987	10.7	7.74	18.6	43.6	10.9	8.74	7.76	7.08	5.31	5.49	9.40	15.1	13.4	1987
1988	13.9	15.4	15.5	61.2	21.7	7.79	6.19	5.66	6.47	5.55	19.9	15.6	15.9	1988
1989	9.11	6.38	16.5	50.6	34.8	22.3	9.30	6.82	6.05	6.59	23.4	13.9	17.1	1989
1990	14.5	13.0	33.2	48.6	29.2	8.42	6.60	7.70	6.63	8.89	16.5	29.7	18.6	1990
MEAN	14.5	13.0	22.4	52.1	28.9	14.2	10.5	7.73	8.90	12.0	18.2	21.2	18.7	MEAN

LOCATION - LAT 44 42 03 N LONG 078 40 40 W DRAINAGE AREA, 1 270 km² REGULATED

BURNT RIVER NEAR BURNT RIVER - STATION NO. 02HF003

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1962	---	---	---	---	1962
1963	---	97.4B ON MAR 31	1.74 ON OCT 27	372 000	1963
1964	66.3 AT 16:00 EST ON APR 16	64.8 ON APR 16	2.29 ON OCT 27	376 000	1964
1965	99.7 AT 23:15 EST ON APR 12	93.4 ON APR 13	4.19 ON JUN 29	624 000	1965
1966	101 AT 11:30 EST ON DEC 09	100 ON DEC 09	3.06 ON OCT 30	605 000	1966
1967	91.2 AT 11:55 EST ON JUN 26	90.9 ON JUN 26	7.67 B ON MAR 26	861 000	1967
1968	83.5 AT 10:50 EST ON APR 01	81.6 ON APR 01	3.06 ON OCT 19	443 000	1968
1969	101 AT 16:35 EST ON MAY 20	96.3 ON MAY 20	4.87 ON OCT 19	551 000	1969
1970	88.6 AT 04:39 EST ON APR 25	87.8 ON APR 25	3.57 B ON JAN 21	460 000	1970
1971	131 AT 01:34 EST ON APR 21	130 ON APR 20	3.57 ON NOV 05	524 000	1971
1972	115 AT 16:55 EST ON APR 21	115 ON APR 21	6.37 B ON MAR 21	677 000	1972
1973	128 B AT 21:24 EST ON MAR 13	124 B ON MAR 13	4.11 ON SEP 12	680 000	1973
1974	133 AT 00:26 EST ON MAY 16	131 ON MAY 16	3.00 ON AUG 09	799 000	1974
1975	119 AT 08:30 EST ON APR 26	118 ON APR 26	3.09 ON AUG 08	501 000	1975
1976	191 AT 06:28 EST ON APR 03 *	188 ON APR 03 *	2.47 ON JUN 06	593 000	1976
1977	---	70.5B ON MAR 18	0.988 ON AUG 31 *	421 000	1977
1978	99.4 AT 15:00 EST ON APR 21	96.6 ON APR 21	3.71 ON AUG 13	541 000	1978
1979	120 AT 10:42 EST ON APR 04	120 ON APR 04	4.30 ON AUG 15	741 000	1979
1980	119 AT 14:38 EST ON APR 16	117 ON APR 16	3.34 ON AUG 22	678 000	1980
1981	145 B AT 21:15 EST ON FEB 25	140 B ON FEB 25	4.65 ON AUG 27	626 000	1981
1982	155 AT 15:59 EST ON APR 19	148 ON APR 19	3.41 ON AUG 17	718 000	1982
1983	136 AT 18:06 EST ON MAY 09	130 ON MAY 09	2.87 ON OCT 02	604 000	1983
1984	96.5 AT 19:48 EST ON APR 07	95.0 ON APR 07	4.43 ON OCT 04	567 000	1984
1985	134 AT 17:01 EST ON APR 19	130 ON APR 19	4.66 ON JUL 25	829 000	1985
1986	116 AT 16:23 EST ON APR 01	113 ON APR 02	6.91 ON SEP 04	656 000	1986
1987	113 AT 13:50 EST ON APR 07	108 ON APR 07	3.48 ON SEP 10	422 000	1987
1988	121 AT 05:26 EST ON APR 06	120 ON APR 06	3.96 ON JUN 11	503 000	1988
1989	102 AT 02:03 EST ON APR 01	100 ON APR 01	4.00 ON OCT 04	540 000	1989
1990	79.8B AT 19:30 EST ON MAR 18	78.1B ON MAR 18	5.13 ON AUG 21	587 000	1990
	B - ICE CONDITIONS	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		589 000	MEAN

CANAGAGIGUE CREEK NEAR ELMIRA - STATION NO. 02GA023

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1956	---	---	---	---	---	---	---	---	---	---	0.396	1.33	---	1956
1957	---	---	---	---	0.612	0.636	0.266	0.111	0.170	---	---	4.35	---	1957
1958	0.450	0.271	1.02	9.934	0.175	0.116	0.154	0.145	0.325	0.161	0.645	0.108	0.451	1958
1959	0.265	0.333	2.49	7.59	0.941	0.125	0.125	0.070	0.091	0.261	1.05	1.06	1.20	1959
1960	0.680	0.863	1.40	7.80	1.48	0.892	0.301	0.162	0.137	0.163	0.260	0.145	1.35	1960
1961	0.177	1.43	1.54	1.09	0.904	0.418	0.162	0.167	0.177	0.146	0.291	0.568	0.583	1961
1962	---	---	---	---	---	0.143	0.123	0.121	0.120	0.266	0.578	0.633	---	1962
1963	0.669	0.333	2.79	1.03	0.766	0.139	0.123	0.108	0.128	0.129	0.222	0.173	0.638	1963
1964	0.864	0.281	2.73	1.96	0.621	0.210	0.177	1.79	0.290	0.209	0.233	0.891	0.844	1964
1965	0.928	2.85	1.73	5.25	0.894	0.219	0.290	0.150	0.203	1.20	2.12	3.15	1.57	1965
1966	1.02	1.44	3.38	2.78	0.811	2.45	0.141	0.135	0.162	0.193	0.476	1.75	1.04	1966
1967	1.49	0.867	3.04	4.70	0.791	2.00	1.33	0.321	0.339	1.82	2.54	3.04	1.86	1967
1968	0.374	2.25	4.88	1.36	0.471	0.917	0.363	1.24	1.27	1.16	2.18	2.45	1.43	1968
1969	1.20	1.18	4.66	5.09	1.75	0.683	0.321	0.255	0.218	0.307	0.604	0.385	1.37	1969
1970	0.181	0.378	1.01	5.33	1.38	0.394	0.415	0.246	0.586	1.01	1.66	1.87	1.20	1970
1971	0.650	0.561	1.50	7.15	0.579	0.693	0.551	0.373	0.282	0.285	0.313	1.01	1.16	1971
1972	0.885	0.530	1.51	9.20	0.648	0.576	0.395	0.212	0.254	0.621	0.945	1.42	1.16	1972
1973	1.27	1.25	6.94	1.60	1.19	0.660	0.371	0.372	0.264	0.295	0.936	0.785	1.34	1973
1974	1.60	0.895	3.99	3.58	3.29	0.514	0.391	0.320	0.298	0.489	0.451	0.271	1.33	1974
1975	0.572	1.30	2.56	5.10	0.614	1.08	0.705	0.967	0.830	0.902	0.931	2.19	1.48	1975
1976	0.618	2.75	4.60	2.77	1.67	0.680	0.766	1.28	0.506	0.719	0.793	0.564	1.73	1976
1977	0.189	0.322	6.19	4.70	0.353	0.310	0.303	0.306	1.11	1.62	1.51	1.40	1.27	1977
1978	0.879	0.366	4.26	7.78	0.960	0.463	0.353	0.277	0.359	0.452	0.484	0.803	1.20	1978
1979	0.787	0.348	5.76	4.00	1.05	0.520	0.488	0.460	0.470	0.471	0.821	2.90	1.52	1979
1980	1.34	0.300	2.46	2.74	0.936	0.752	0.333	0.248	0.854	1.03	0.682	1.49	1.10	1980
1981	0.862	4.14	1.18	0.833	0.611	0.478	0.406	0.499	1.35	1.83	1.84	1.05	1.23	1981
1982	0.543	0.347	3.26	5.37	0.501	0.831	0.510	1.00	0.247	0.788	2.49	5.65	1.88	1982
1983	1.38	1.30	1.16	2.24	3.47	0.979	0.406	0.421	0.402	0.580	1.73	1.37	1.31	1983
1984	0.464	4.06	3.29	1.84	0.716	0.983	0.640	0.419	0.590	0.543	1.38	2.82	1.44	1984
1985	1.01	2.32	6.33	4.95	0.694	0.887	0.698	0.810	1.69	0.735	2.30	2.65	2.08	1985
1986	1.08	0.679	3.96	1.51	1.40	1.03	1.18	1.33	8.36	1.92	1.02	1.07	2.22	1986
1987	0.856	0.294	3.44	2.09	0.474	0.611	0.579	0.467	0.477	0.741	0.730	2.40	1.11	1987
1988	1.33	1.51	2.53	1.83	0.590	0.810	0.588	0.355	0.401	0.427	1.13	0.977	1.04	1988
1989	1.11	0.887	2.08	2.10	0.497	0.656	0.480	0.455	0.444	0.464	1.10	0.624	0.907	1989
1990	1.18	2.17	2.42	1.21	0.897	0.706	0.711	0.472	0.506	1.97	2.69	2.64	1.46	1990
MEAN	0.847	1.21	3.18	3.51	1.06	0.634	0.445	0.475	0.736	0.784	1.10	1.52	1.30	MEAN

LOCATION - LAT 43 34 46 N DRAINAGE AREA 118 km²
LONG 080 30 30 W REGULATED SINCE 1975

CANAGAGIGUE CREEK NEAR ELMIRA - STATION NO. 02GA023

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1956	---	---	---	---	1956
1957	---	---	---	---	1957
1958	9.57 AT 22:00 EST ON MAR 27	6.46 ON MAR 27	0.042 ON AUG 09	14 200	1958
1959	34.0 AT 23:00 EST ON APR 05	26.8 ON APR 02	0.011 ON AUG 12 *	37 700	1959
1960	35.1 B AT 23:45 EST ON APR 03	27.3 B ON APR 04	0.091 ON SEP 11	42 700	1960
1961	21.6 AT 20:00 EST ON FEB 23	12.6 ON FEB 24	0.074 ON SEP 18	18 400	1961
1962	48.4 AT 23:30 EST ON MAR 29	29.4 ON MAR 30	---	---	1962
1963	31.1 AT 21:00 EST ON MAR 25	23.2 ON MAR 26	0.074 ON AUG 05	20 100	1963
1964	14.2 AT 17:00 EST ON MAR 05	10.4 ON MAR 05	0.102 ON JUL 02	26 700	1964
1965	53.2 AT 20:00 EST ON APR 07	28.6 ON FEB 10	0.091 ON AUG 08	49 400	1965
1966	43.2 AT 21:00 EST ON MAR 13	11.9 ON JUN 14	0.082 ON JUL 31	32 800	1966
1967	52.4 AT 03:15 EST ON APR 03	27.5 ON APR 03	0.147 ON SEP 17	58 600	1967
1968	29.2 AT 06:00 EST ON NOV 29	18.7 ON NOV 29	0.150B ON JAN 28	45 100	1968
1969	39.6 AT 03:30 EST ON MAR 21	26.6 ON MAR 21	0.170 ON SEP 02	43 200	1969
1970	28.3 AT 02:44 EST ON APR 09	24.0 ON APR 09	0.164B CC JAN 14	37 900	1970
1971	28.9 AT 00:05 EST ON APR 10	19.9 ON APR 13	0.150 ON JUL 15	36 400	1971
1972	49.7 AT 03:25 EST ON APR 17	31.4 ON APR 13	0.142E ON AUG 11	42 400	1972
1973	41.6 AT 18:14 EST ON MAR 11	20.2 ON MAR 07	0.167 ON AUG 09	44 000	1973
1974	61.2 AT 06:59 EST ON MAY 17	39.6 ON MAY 17	0.116B ON FEB 21	42 000	1974
1975	80.1 AT 06:51 EST ON APR 19 *	45.3 ON APR 19 *	0.190 ON JUN 02	46 500	1975
1976	36.0 AT 05:36 EST ON MAR 27	24.6 ON MAR 27	0.241E ON DEC 14	54 600	1976
1977	28.9 AT 10:08 EST ON MAR 13	24.4 ON MAR 13	0.085B ON JAN 23	40 100	1977
1978	29.3 AT 22:09 EST ON APR 11	21.8 ON APR 11	0.229 ON AUG 05	37 800	1978
1979	42.4 AT 10:05 EST ON APR 14	33.3 ON APR 14	0.329B ON FEB 20	47 600	1979
1980	33.2 AT 15:34 EST ON MAR 21	22.5 ON MAR 21	0.133 ON AUG 10	34 800	1980
1981	21.2 AT 17:27 EST ON FEB 23	16.5 ON FEB 23	0.372 ON JUL 27	38 900	1981
1982	37.9 AT 20:53 EST ON MAR 31	32.8 ON MAR 31	0.322E ON FEB 11	59 400	1982
1983	22.4 AT 00:32 EST ON MAY 03	14.7 ON MAY 03	0.333 ON AUG 06	41 300	1983
1984	23.7 AT 00:24 EST ON MAR 22	17.1 ON MAR 22	0.255 ON AUG 08	45 400	1984
1985	40.2 AT 01:07 EST ON APR 06	29.7 ON APR 06	0.362 ON AUG 02	65 700	1985
1986	44.1 AT 20:45 EST ON SEP 29	29.1 ON SEP 11	0.310E ON MAY 14	69 900	1986
1987	14.1 AT 20:30 EST ON APR 05	12.2 ON APR 06	0.242B ON FEB 05	35 100	1987
1988	27.0 AT 00:50 EST ON MAR 24	10.1 ON APR 04	0.306B ON DEC 19	32 800	1988
1989	26.2 AT 13:50 EST ON APR 15	13.8 ON MAR 29	0.358 ON JUN 18	28 600	1989
1990	15.6 AT 01:04 EST ON DEC 30	11.7 ON DEC 30	0.290B ON JAN 03	46 100	1990
				41 100	MEAN

B - ICE CONDITIONS * - EXTREME RECORDED FOR THE PERIOD OF RECORD
E - ESTIMATED

CANAGAGIGUE CREEK NEAR FLORADALE - STATION NO. 02GA036

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1970	---	---	---	---	---	---	---	0	0.017	0.143	0.317	0.292	---	1970
1971	0.051	0.035	0.301	1.51	0.028	0.028	0.020	0.008	0.001	0	0.094	0.107	0.182	1971
1972	0.160	0.027	0.262	2.05	0.043	0.068	0.018	0.004	0.003	0.097	0.127	0.157	0.276	1972
1973	0.528	0.097	1.76	0.243	0.199	0.035	0	0.004	0	0	0.167	0.139	0.367	1973
1974	0.234	0.104	0.646	0.814	0.644	0.020	0.003	0	0	0	0.019	0.007	0.208	1974
1975	0.159	0.227	0.680	1.20	0.034	0.099	0	0.064	0.132	0.052	0.120	0.374	0.261	1975
1976	0.075	0.453	1.42	0.405	0.300	0.056	0.074	0.002	0.013	0.063	0.100	0.052	0.142	1976
1977	0.017	0.014	1.41	0.199	0.010	0.001	0.019	0.016	0.227	0.266	0.214	0.225	0.225	1977
1978	0.033	0.007	0.082	1.35	0.084	0.009	0	0	0.026	0.038	0.044	0.065	0.145	1978
1979	0.066	0.014	1.75	0.711	0.087	0.007	0.003	0	0	0.008	0.391	0.651	0.310	1979
1980	0.108	0.002	1.04	0.553	0.125	0.132	0.027	0.070	0.069	0.186	0.107	0.254	0.224	1980
1981	0.024	0.794	0.491	0.164	0.116	0.034	0.006	0.025	0.160	0.339	0.225	0.123	0.179	1981
1982	0.047	0.002	0.711	1.19	0.053	0.148	0.004	0.015	0.052	0.038	0.814	0.857	0.329	1982
1983	0.104	0.327	0.341	0.471	0.584	0.060	0	0	0.025	0.090	0.114	0.301	0.201	1983
1984	0.017	1.09	1.70	0.308	0.068	0.086	0.019	0.001	0.007	0.004	0.187	0.561	0.336	1984
MEAN	0.115	0.228	0.880	0.798	0.165	0.057	0.014	0.014	0.049	0.088	0.206	0.297	0.242	MEAN

LOCATION - LAT 43 40 12 N DRAINAGE AREA, 17.9 km²
LONG 080 35 48 W NATURAL FLOW

REMARKS - DISCONTINUED FEB 01 1985. NO DATA PUBLISHED FOR 1985.

CANAGAGIGUE CREEK NEAR FLORADALE - STATION NO. 02GA036

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1970	---	---	---	---	1970
1971	7.56 AT 04:45 EST ON APR 13	5.15 ON APR 13	0 ON JUN 24 *	5 730	1971
1972	19.4 AT 21:17 EST ON APR 16	8.35 ON APR 17	0.001 ON AUG 31	8 730	1972
1973	20.9 AT 13:19 EST ON MAR 11	6.31 ON MAR 11	0 ON JUN 11	8 410	1973
1974	24.0 AT 00:50 EST ON MAY 17	6.91 ON MAY 17	0 ON JUL 12	6 570	1974
1975	27.6 AT 00:01 EST ON APR 19 *	8.78 ON APR 19	0 ON JUL 01	8 230	1975
1976	11.6 B AT 17:30 EST ON MAR 24	6.80B ON MAR 20	0 ON JUN 10	7 660	1976
1977	14.9 B AT 03:49 EST ON MAR 13	8.41B ON MAR 13	0 ON MAY 28	7 000	1977
1978	10.3 AT 12:40 EST ON APR 11	6.56 ON APR 11	0 ON JUN 29	4 580	1978
1979	11.1 E AT 15:00 EST ON APR 14	9.00E ON APR 14	0 ON JUN 16	9 790	1979
1980	20.0 AT 12:10 EST ON MAR 21	9.33 ON MAR 21	0 ON JUN 26	7 080	1980
1981	---	4.40B ON FEB 23	0 ON JUN 19	5 640	1981
1982	---	12.0 B ON MAR 31 *	0.001 ON JUL 11	10 400	1982
1983	6.12 AT 10:36 EST ON MAY 02	3.29 ON MAY 02	0 ON JUN 21	6 350	1983
1984	15.4 AT 16:03 EST ON MAR 21	9.55 ON MAR 21	0 ON JUL 27	10 600	1984
				7 630	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

CANARD RIVER NEAR LUKERVILLE - STATION NO. 02GH003

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1976	---	---	---	---	---	---	---	---	---	---	0.167	0.064	---	1976
1977	0.012	0.305	5.09	6.75	0.603	0.286	0.001	0.022	1.96	1.48	0.359	5.34	1.06	1977
1978	0.170	0.283	5.64	4.38	0.623	0.227	0.076	0.007	0.010	0.019	0.162	0.260	0.992	1978
1979	0.308	0.538	3.61	4.78	0.967	0.242	0.226	0.003	0.050	0.063	0.479	2.95	1.19	1979
1980	0.611	0.167	4.02	2.75	0.545	3.71	0.325	0.760	0.471	0.130	0.214	0.475	1.18	1980
1981	0.076	6.35	0.846	4.93	1.56	1.79	3.32	0.200	3.19	4.40	0.626	0.373	2.10	1981
1982	1.68	0.731	10.9	5.77	0.174	0.168	0.065	0.029	0.030	0.027	2.12	5.34	2.02	1982
1983	0.263	1.11	0.973	5.37	0.89	2.10	1.47	1.73	0.219	0.734	4.48	4.47	1.96	1983
1984	0.094	3.61	6.33	1.39	0.922	0.619	0.032	0.081	0.131	0.485	1.10	3.49	1.52	1984
1985	2.81	8.93	6.24	2.58	0.158	0.463	0.023	0.192	0.122	0.704	5.87	1.37	2.40	1985
1986	1.24	3.01	6.49	0.591	0.158	2.33	0.490	0.146	2.70	3.88	1.37	3.19	2.13	1986
1987	1.33	0.465	2.17	2.27	0.139	0.909	0.170	0.793	1.90	0.165	1.96	4.96	1.44	1987
1988	0.528	0.676	1.39	0.615	0.044	0.018	0.021	0.023	0.036	0.370	2.22	0.825	0.562	1988
1989	1.50	0.457	0.951	2.36	1.10	5.16	12.8	0.116	0.142	0.048	0.583	0.042	2.12	1989
1990	3.01	6.95	1.22	2.32	2.27	0.328	0.038	0.373	12.2	2.98	1.14	6.26	3.22	1990
MEAN	0.974	2.40	3.99	2.85	0.940	1.24	1.36	0.316	1.65	1.11	1.52	2.61	1.76	MEAN

LOCATION - LAT 42 09 33 N DRAINAGE AREA, 159 km²
LONG 083 01 05 W NATURAL FLOW

CANARD RIVER NEAR LUKERVILLE - STATION NO. 02GH003

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1976	0.314 AT 17:01 EST ON NOV 27	---	---	---	1976
1977	---	56.6 E ON APR 25	0 B ON JAN 20 *	58 600	1977
1978	---	59.7 E ON MAR 22	0.006 ON AUG 04	31 300	1978
1979	---	24.5 E ON DEC 25	0.001E ON SEP 01	37 500	1979
1980	---	18.5 ON JUN 08	0.010E ON JUL 22	37 300	1980
1981	34.9 AT 12:30 EST ON OCT 02	30.4 ON OCT 02	0.026B ON JAN 22	66 400	1981
1982	---	50.0 B ON MAR 14	0.004 ON OCT 13	63 600	1982
1983	42.7 AT 18:27 EST ON MAY 02	36.1 ON MAY 02	0.011 ON JUN 25	61 800	1983
1984	34.7 AT 22:10 EST ON MAR 21	35.2 ON MAR 21	0.014 ON AUG 12	48 100	1984
1985	---	94.0 E ON FEB 24	0.005 ON AUG 05	75 800	1985
1986	59.8 AT 09:01 EST ON MAR 11	53.0 ON MAR 11	0.016 ON JUL 07	67 200	1986
1987	25.1 AT 11:57 EST ON DEC 16	21.5 ON DEC 16	0 ON JUN 20	45 400	1987
1988	8.22 AT 07:46 EST ON NOV 22	7.25 ON NOV 22	0.011 ON JUL 06	17 800	1988
1989	---	153 A ON JUL 21 *	0.012B ON DEC 27	66 700	1989
1990	85.6 AT 20:30 EST ON SEP 07 *	68.7 ON DEC 30	0.012 ON AUG 03	102 000	1990
				55 700	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX)   B - ICE CONDITIONS   E - ESTIMATED   * - EXTREME RECORDED FOR THE PERIOD OF RECORD

CARP RIVER NEAR KINBURN - STATION NO. 02KF011

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1971	---	---	---	---	---	---	---	---	---	0.289	0.370	2.35	---	1971
1972	0.746	0.375	0.439	24.9	5.72	1.13	1.79	2.14	0.429	2.67	5.70	[illegible]	4.03	1972
1973	3.03	2.68	18.4	9.82	3.84	2.03	0.519	0.279	0.140	0.346	1.01	[illegible]	3.61	1973
1974	1.32	1.53	7.26	16.5	7.41	1.13	0.321	0.170	0.042	0.103	0.751	1.51	3.17	1974
1975	1.93	0.701	5.09	17.0	1.74	0.744	0.065	0.051	0.082	0.293	0.822	1.70	2.51	1975
1976	0.297	0.344	11.6	13.6	5.71	2.27	1.96	0.502	0.897	2.19	1.75	0.419	3.47	1976
1977	0.201	0.179	13.0	7.56	1.04	0.245	0.143	0.087	0.333	2.37	2.53	[illegible]	2.60	1977
1978	3.90	2.64	2.03	25.2	2.08	0.925	0.184	0.083	0.055	0.063	0.237	0.212	3.11	1978
1979	0.289	0.217	11.6	10.5	2.85	0.723	0.330	0.101	0.066	1.06	2.03	4.74	2.90	1979
1980	1.26	0.128	9.96	7.33	2.06	0.331	0.281	0.139	0.388	1.20	1.45	1.66	2.19	1980
1981	0.318	13.5	3.08	3.54	2.27	4.70	0.771	0.589	3.08	5.35	3.98	1.27	3.48	1981
1982	0.476	0.278	2.15	17.2	1.75	0.996	0.249	0.072	0.192	0.329	1.82	4.83	2.52	1982
1983	1.55	0.773	8.17	9.04	7.68	0.924	0.132	0.096	0.044	0.232	2.52	2.00	3.84	1983
1984	0.566	4.14	3.67	22.2	4.98	0.995	0.191	1.04	0.413	0.456	1.54	2.15	3.49	1984
1985	1.18	1.41	13.4	11.4	1.54	1.16	0.166	0.055	0.055	0.172	0.659	0.596	2.65	1985
1986	0.638	0.293	6.62	4.69	8.87	1.11	2.31	3.59	4.68	4.12	2.42	1.79	3.45	1986
1987	0.870	0.425	10.3	10.1	1.06	0.654	0.667	0.131	0.329	0.647	1.00	4.03	2.53	1987
1988	0.766	2.04	5.30	8.80	2.21	0.214	0.343	0.245	0.229	1.25	3.73	0.665	2.14	1988
1989	0.328	0.170	6.41	5.00	4.45	1.14	0.253	0.073	0.088	0.314	1.44	0.332	1.85	1989
1990	0.712	1.30	9.45	8.91	2.16	0.356	0.301	0.239	0.329	2.93	3.08	4.24	2.84	1990
MEAN	1.08	1.74	7.89	12.3	3.65	1.15	0.578	0.510	0.625	1.32	1.94	2.08	2.91	MEAN

LOCATION - LAT 45 25 03 N, LONG 076 11 55 W   DRAINAGE AREA, 269 km^2 NATURAL FLOW

CARP RIVER NEAR KINBURN - STATION NO. 02KF011

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1971	---	---	---	---	1971
1972	---	85.0B ON APR 18 *	0.272 ON SEP 26	127 000	1972
1973	---	50.4B ON MAR 18	0.099 ON SEP 08	114 000	1973
1974	---	51.0B ON APR 05	0.025 ON SEP 09	99 800	1974
1975	77.6B AT 22:56 EST ON APR 19 *	72.2 ON APR 20	0.013 ON SEP 01	79 100	1975
1976	---	56.9 ON APR 01	0.187 ON AUG 07	110 000	1976
1977	---	51.0B ON MAR 15	0.054 ON AUG 04	82 100	1977
1978	68.5B AT 21:00 EST ON APR 15	64.6B ON APR 15	0.014 ON OCT 08	98 000	1978
1979	---	55.8B ON MAR 26	0.004 ON AUG 30 *	91 300	1979
1980	---	61.0B ON MAR 23	0.011 ON AUG 19	69 300	1980
1981	61.0 AT 00:50 EST ON FEB 24	57.2 ON FEB 24	0.180 ON AUG 04	109 000	1981
1982	---	41.9B ON APR 01	0.011 ON AUG 22	79 300	1982
1983	---	35.0B ON MAR 20	0.020 ON SEP 04	89 600	1983
1984	61.3 AT 21:47 EST ON APR 06	59.1 ON APR 06	0.027 ON SEP 25	110 000	1984
1985	---	32.4 ON MAR 29	0.026E ON AUG 26	83 600	1985
1986	42.1 AT 16:54 EST ON MAY 23	39.9 ON MAY 24	0.19[illegible] ON JAN 18	109 000	1986
1987	52.6 AT 07:24 EST ON MAR 26	48.7 ON MAR 26	0.030 ON AUG 30	79 800	1987
1988	---	27.8B ON MAR 27	0.035 ON JUN 19	67 600	1988
1989	51.1 AT 22:00 EST ON MAR 29	46.4B ON MAR 29	0.021 ON AUG 27	58 400	1989
1990	---	31.8B ON MAR 17	0.069A ON JUL 19	89 700	1990
				91 900	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX)   B - ICE CONDITIONS   E - ESTIMATED   * - EXTREME RECORDED FOR THE PERIOD OF RECORD

CARRICK CREEK NEAR CARLSRUHE - STATION NO. 02FC011

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1953	---	---	---	---	---	---	---	---	---	---	---	---	---	1953
1954	1.53	0.25	7.73	5.18	1.13	0.454	0.209	0.251	0.335	5.53	1.43	1.18	2.73	1954
1955	1.44	2.29	4.82	4.65	0.998	0.687	0.170	0.139	0.107	0.414	0.888	1.24	1.48	1955
1956	0.875	0.796	3.10	3.97	3.20	0.894	0.612	0.572	0.846	0.522	0.722	2.50	1.86	1956
1957	1.62	2.35	4.06	3.59	1.91	1.59	1.15	0.194	0.663	0.861	2.65	4.20	2.09	1957
1958	1.42	1.17	3.19	2.45	0.600	0.303	0.160	0.165	0.241	0.260	0.514	0.585	0.929	1958
1959	0.724	0.747	2.63	9.45	2.98	0.683	0.554	0.659	0.687	1.24	3.55	2.79	2.22	1959
1960	2.59	2.28	1.79	9.56	4.36	1.75	0.549	0.331	0.239	0.312	0.767	0.346	2.06	1960
1961	0.265	2.09	3.53	2.70	2.12	0.090	0.810	0.779	0.667	0.443	0.596	1.54	1.37	1961
1962	1.01	1.02	3.95	4.04	1.04	0.411	0.235	0.202	0.260	1.39	1.11	1.91	1.33	1962
1963	0.608	0.425	4.34	3.52	2.40	0.654	0.715	0.455	0.257	0.248	0.842	0.705	1.27	1963
1964	2.75	1.43	3.92	2.80	1.32	0.470	0.429	3.06	0.588	0.698	1.15	3.22	1.83	1964
1965	1.80	5.10	2.94	8.55	2.24	0.523	0.337	0.426	0.607	1.59	2.57	4.59	2.59	1965
1966	2.21	3.41	4.13	3.43	1.71	1.02	0.274	0.218	0.268	0.359	1.29	3.17	2.03	1966
1967	3.09	2.58	4.98	5.15	1.98	3.39	1.17	0.772	0.501	1.81	5.18	4.48	2.95	1967
1968	2.17	5.76	4.25	6.99	1.53	0.828	0.442	1.59	1.12	0.961	2.42	3.11	2.32	1968
1969	3.24	3.45	4.63	7.91	4.80	1.74	0.819	0.321	0.272	0.558	1.57	1.38	2.55	1969
1970	0.983	1.72	1.91	7.78	1.62	0.523	0.931	0.343	0.847	1.52	1.87	2.58	1.80	1970
1971	1.20	2.07	4.13	8.10	1.55	0.832	0.463	0.265	0.288	0.294	0.421	1.16	1.72	1971
1972	1.75	1.28	2.42	9.25	1.98	1.60	0.904	0.133	0.363	0.902	1.31	3.14	2.09	1972
1973	3.00	2.14	5.09	2.87	1.93	1.44	0.531	0.333	0.205	0.291	0.820	1.32	1.92	1973
1974	3.20	1.76	6.52	6.02	4.57	1.00	0.413	0.294	0.243	0.409	1.41	0.918	2.23	1974
1975	2.91	2.69	4.79	10.5	1.98	0.900	0.395	1.25	2.13	1.08	1.36	4.41	2.86	1975
1976	1.80	1.99	13.9	3.86	2.39	0.770	0.938	0.382	0.677	1.08	1.52	2.20	2.65	1976
1977	1.18	1.27	10.7	3.07	0.729	0.427	0.656	2.46	2.23	1.97	1.22	1.80	2.75	1977
1978	1.82	1.01	2.02	8.27	2.28	1.14	0.354	0.395	1.28	1.57	1.66	4.08	2.09	1978
1979	1.56	0.938	9.04	8.64	2.53	0.786	0.456	0.429	0.124	1.04	2.18	4.08	2.66	1979
1980	1.72	0.693	6.15	6.66	1.70	0.862	0.555	0.342	0.515	1.27	1.21	2.26	2.00	1980
1981	0.609	6.95	5.63	4.10	1.80	0.780	0.383	0.428	0.969	1.54	1.78	1.40	1.83	1981
1982	1.13	0.762	4.53	3.84	1.10	1.82	0.501	0.483	0.519	0.556	3.15	5.29	2.59	1982
1983	2.39	2.64	3.61	3.50	1.97	1.41	0.516	0.518	1.33	1.66	2.43	2.64	2.12	1983
1984	1.46	8.30	4.63	3.10	1.38	1.21	0.523	0.332	0.566	0.486	1.83	3.14	2.22	1984
1985	2.04	3.46	9.06	8.44	1.81	0.894	0.381	0.336	0.863	1.28	3.42	2.07	2.83	1985
1986	1.54	1.29	8.19	3.53	2.04	2.13	1.29	1.14	1.34	3.34	2.46	4.37	3.25	1986
1987	1.59	0.922	5.63	3.46	0.773	0.610	0.467	0.499	0.572	0.823	4.74	3.22	1.77	1987
1988	2.47	3.40	5.53	3.53	1.60	0.574	0.205	0.262	0.276	1.34	3.03	2.32	2.09	1988
1989	2.71	1.30	4.16	3.17	1.61	0.948	0.252	0.207	0.235	0.334	1.29	0.692	1.41	1989
1990	3.66	2.75	5.69	2.65	1.84	0.661	0.381	0.297	0.350	1.99	4.25	4.45	2.42	1990
MEAN	1.90	2.56	5.07	5.50	2.03	1.01	0.541	0.584	0.810	1.25	1.86	2.38	2.13	MEAN

LOCATION - LAT 44 06 47 N LONG 081 01 12 W DRAINAGE AREA, 163 km² NATURAL FLOW

CARRICK CREEK NEAR CARLSRUHE - STATION NO. 02FC011

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1953	---	---	---	---	1953
1954	---	35.4 ON OCT 15	0.142 ON JUL 19	86 200	1954
1955	---	19.3 ON MAR 11	0.085 ON JUL 14	46 600	1955
1956	---	27.0 ON APR 04	0.113 ON AUG 12	58 700	1956
1957	---	18.2 ON DEC 21	0.142 ON AUG 22	65 900	1957
1958	---	8.89 ON MAR 29	0.057 ON AUG 19 *	29 300	1958
1959	---	26.6 ON APR 02	0.227 ON AUG 08	70 100	1959
1960	---	29.4 ON APR 03	0.204 ON SEP 06	65 200	1960
1961	---	9.32B ON FEB 24	0.159 ON NOV 29	43 100	1961
1962	---	23.0 ON MAR 30	0.159 ON AUG 25	41 800	1962
1963	25.8 AT 04:00 EST ON MAR 27	24.7 ON MAR 27	0.176 ON SEP 18	40 100	1963
1964	34.0 AT 13:00 EST ON AUG 03	24.1 ON AUG 03	0.127 ON JUL 31	57 800	1964
1965	29.3 AT 10:00 EST ON APR 12	25.6 ON APR 12	0.224 ON AUG 01	81 700	1965
1966	18.8B AT 09:00 EST ON APR 11	17.0 B ON FEB 11	0.142 ON AUG 01	60 900	1966
1967	25.6 AT 06:00 EST ON APR 03	21.9 ON APR 03	0.222 ON SEP 16	92 900	1967
1968	36.0B AT 13:30 EST ON FEB 02	32.6 B ON FEB 02	0.244 ON JUL 16	73 300	1968
1969	27.5 AT 09:16 EST ON APR 05	24.4 ON APR 05	0.212 ON SEP 04	80 300	1969
1970	22.8 AT 03:27 EST ON APR 15	20.5 ON APR 15	0.232 ON AUG 15	59 200	1970
1971	21.3 AT 11:00 EST ON APR 13	20.2 ON APR 13	0.204 ON AUG 20	54 200	1971
1972	33.1 AT 03:10 EST ON APR 15	30.0 ON APR 14	0.252 ON SEP 23	64 400	1972
1973	42.0 AT 00:00 EST ON JAN 01	17.2 ON JAN 01	0.133 ON SEP 08	60 600	1973
1974	35.1 AT 09:11 EST ON APR 04	30.0 ON APR 04	0.167 ON AUG 22	70 500	1974
1975	82.4 AT 09:18 EST ON APR 19 *	68.0 ON APR 19 *	0.261 ON AUG 18	90 200	1975
1976	47.1 AT 06:46 EST ON MAR 21	47.3 ON MAR 21	0.229 ON AUG 25	83 800	1976
1977	72.8 AT 11:53 EST ON MAR 11	65.4 ON MAR 13	0.170E ON JUL 30	86 700	1977
1978	23.2 AT 22:04 EST ON APR 12	18.9 ON APR 12	0.195 ON SEP 08	59 600	1978
1979	64.7 AT 11:10 EST ON APR 14	50.8 ON APR 14	0.062 ON SEP 22	83 900	1979
1980	39.6 AT 20:49 EST ON MAR 21	29.1 ON MAR 21	0.205 ON AUG 27	63 200	1980
1981	35.3 AT 07:45 EST ON FEB 24	28.5 ON FEB 24	0.141 ON AUG 23	57 600	1981
1982	60.2 AT 21:50 EST ON MAR 31	42.6 ON MAR 31	0.267 ON AUG 18	81 600	1982
1983	10.6 AT 00:05 EST ON MAY 03	8.21 ON MAY 03	0.207 ON SEP 13	66 900	1983
1984	---	33.0 B ON FEB 14	0.183A ON AUG 22	70 200	1984
1985	41.6 AT 05:53 EST ON APR 06	36.6 ON APR 06	0.190E ON AUG 05	89 100	1985
1986	38.0 AT 19:49 EST ON SEP 11	36.7 ON SEP 12	0.471 ON AUG 14	102 000	1986
1987	25.9 AT 12:50 EST ON MAR 26	14.1 ON MAR 26	0.245 ON SEP 10	53 700	1987
1988	42.4 AT 02:37 EST ON MAR 25	19.2 ON MAR 25	0.080 ON SEP 22	64 100	1988
1989	19.8 AT 09:00 EST ON MAR 29	18.6 ON MAR 29	0.064 ON AUG 01	44 500	1989
1990	26.4 AT 05:16 EST ON MAR 13	25.8 ON MAR 13	0.205 ON SEP 03	76 200	1990
				67 100	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX) B - ICE CONDITIONS E - ESTIMATED * - EXTREME RECORDED FOR THE PERIOD OF RECORD

CASTOR RIVER AT RUSSELL - STATION NO. 02LB006

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1948	---	---	---	5.39	1.39	0.317	0.241	0.068	0.017	0.130	0.736	---	---	1948
1949	---	---	---	22.9	1.86	0.495	0.156	0.198	0.313	0.374	0.692	---	---	1949
1950	---	---	---	38.4	0.815	---	---	---	---	---	---	---	---	1950
1951	---	---	26.4	23.5	0.345	---	---	---	---	---	---	---	---	1951
1952	---	---	---	---	---	---	---	---	---	---	---	---	---	1952
1953	---	---	---	---	---	---	---	---	---	---	---	---	---	1953
1954	---	---	---	4.63	1.09	---	---	---	---	---	---	---	---	1954
1955	---	---	9.00	39.7	---	---	---	---	---	---	---	---	---	1955
1956	---	---	0.533	27.8	---	---	---	---	---	---	---	---	---	1956
1957	---	---	9.65	5.40	---	---	---	---	---	---	---	---	---	1957
1958	---	---	12.4	12.1	---	---	---	---	---	---	---	---	---	1958
1959	---	---	3.28	29.4	---	---	---	---	---	---	---	---	---	1959
1960	---	---	2.45	43.9	---	---	---	---	---	---	---	---	---	1960
1961	---	---	10.2	11.7	---	---	---	---	---	---	---	---	---	1961
1962	---	---	7.78	24.0	---	---	---	---	---	---	---	---	---	1962
1963	---	---	6.98	31.2	---	---	---	---	---	---	---	---	---	1963
1964	---	---	13.2	11.2	---	---	---	---	---	---	---	---	---	1964
1965	---	---	6.76	11.6	---	---	---	---	---	---	---	---	---	1965
1966	---	---	18.7	6.84	---	---	---	---	---	---	---	---	---	1966
1967	---	---	4.06	24.2	---	---	---	---	---	---	---	---	---	1967
1968	0.835	0.689	23.0	9.70	1.98	1.48	3.25	0.311	1.26	0.600	2.53	0.36	---	1968
1969	1.06	1.68	11.5	30.7	8.97	1.49	0.629	0.422	0.183	0.214	1.69	2.94	5.11	1969
1970	0.193	0.541	1.07	39.9	4.41	0.306	0.295	0.188	0.367	1.49	5.14	3.10	4.72	1970
1971	1.68	0.851	0.696	44.4	4.64	0.485	0.220	0.271	0.338	0.411	0.647	3.11	4.78	1971
1972	1.30	0.695	2.23	52.9	5.50	5.32	14.0	6.33	0.509	5.70	10.0	4.07	9.00	1972
1973	7.51	5.15	45.0	12.6	8.99	6.53	0.577	4.50	0.596	1.77	2.99	4.96	8.45	1973
1974	4.40	4.44	13.8	28.1	10.9	1.54	0.564	0.599	0.285	0.291	1.23	2.85	5.72	1974
1975	4.31	1.80	12.3	26.1	1.57	0.554	0.255	0.152	1.04	2.78	4.23	8.80	5.33	1975
1976	1.11	2.64	11.2	19.8	6.97	2.45	1.45	0.685	0.981	2.92	2.78	1.03	6.15	1976
1977	0.252	0.385	31.6	11.8	1.82	0.428	0.673	0.366	0.852	7.34	6.37	6.86	5.75	1977
1978	8.22	3.27	5.90	46.8	1.19	1.53	0.355	0.312	0.287	0.311	0.533	0.555	5.90	1978
1979	0.490	0.405	23.1	12.8	2.51	1.14	0.431	0.335	0.806	1.57	5.23	9.97	4.94	1979
1980	2.17	0.323	15.6	14.7	3.73	0.596	0.359	0.360	0.968	2.93	3.90	3.63	4.11	1980
1981	0.724	26.2	5.42	9.35	5.95	8.20	1.84	4.55	13.5	9.48	7.97	2.21	7.46	1981
1982	1.49	0.727	5.54	31.3	1.84	0.827	0.457	0.505	0.649	0.727	3.09	11.6	4.88	1982
1983	3.00	3.09	16.7	16.9	11.1	1.96	0.360	0.200	0.161	0.957	9.08	8.96	6.20	1983
1984	1.61	8.52	7.71	34.0	7.49	1.43	0.401	0.988	0.438	0.373	0.825	2.57	5.48	1984
1985	1.74	3.69	24.2	13.5	2.01	1.01	0.304	0.274	0.188	0.439	1.04	1.11	4.13	1985
1986	1.88	0.735	11.6	6.80	8.04	2.08	2.54	2.75	6.73	10.1	5.86	6.21	5.48	1986
1987	2.57	0.735	19.7	11.0	1.76	1.59	1.87	0.460	1.50	1.82	3.63	11.2	4.77	1987
1988	5.17	1.20	10.7	10.1	2.98	0.657	0.684	0.226	0.198	1.55	7.45	1.32	3.63	1988
1989	0.809	1.20	12.0	8.38	8.58	1.46	0.363	0.292	0.167	0.541	5.31	0.849	3.34	1989
1990	3.35	5.94	16.5	16.2	4.78	0.717	0.494	0.420	0.400	5.37	5.19	11.1	5.87	1990
MEAN	2.30	3.47	12.9	21.2	4.49	1.79	1.31	1.03	1.31	2.41	3.92	4.99	5.45	MEAN

LOCATION - LAT 45 15 43 N
LONG 075 20 40 W

DRAINAGE AREA, 433 km²
NATURAL FLOW

CASTOR RIVER AT RUSSELL - STATION NO. 02LB006

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1948	---	129 ON MAR 20	0 ON SEP 03 *	---	1948
1949	---	103 ON MAR 31	---	---	1949
1950	---	163 ON APR 05	---	---	1950
1951	---	143 ON MAR 31	---	---	1951
1952	---	109 ON APR 03	---	---	1952
1953	---	80.7 ON MAR 26	---	---	1953
1954	---	179 ON APR 08	---	---	1954
1955	---	185 ON APR 06 *	---	---	1955
1956	---	103 ON APR 06	---	---	1956
1957	---	51.3 ON MAR 16	---	---	1957
1958	---	85.0E ON MAR 30	---	---	1958
1959	---	114 ON APR 06	---	---	1959
1960	---	91.2 ON APR 13	---	---	1960
1961	---	67.4 ON MAR 29	---	---	1961
1962	---	99.1 ON MAR 31	---	---	1962
1963	---	152 ON APR 01	---	---	1963
1964	---	41.9 ON APR 08	---	---	1964
1965	---	30.9B ON MAR 09	---	---	1965
1966	---	58.3B ON MAR 06	---	---	1966
1967	---	112 ON APR 02	---	---	1967
1968	193 B AT 00:01 EST ON MAR 29	103 B ON MAR 28	0.028 ON AUG 07	129 000	1968
1969	86.9B AT 21:50 EST ON APR 06	69.1 ON APR 07	0.085 ON OCT 15	161 000	1969
1970	208 AT 01:20 EST ON APR 14 *	153 ON APR 13	0.088 ON AUG 22	149 000	1970
1971	145 AT 22:20 EST ON APR 18	120 ON APR 18	0.110 ON AUG 22	151 000	1971
1972	152 B AT 00:01 EST ON APR 16	137 B ON APR 17	0.326B ON MAR 07	205 000	1972
1973	---	147 B ON MAR 18	0.317 ON JUL 31	266 000	1973
1974	---	113 B ON APR 05	0.232 ON OCT 01	180 000	1974
1975	127 AT 18:15 EST ON APR 19	106 ON APR 19	0.113 ON AUG 12	168 000	1975
1976	---	142 B ON MAR 28	0.110B ON JAN 25	194 000	1976
1977	---	144 B ON MAR 15	0.195 ON JUL 12	181 000	1977
1978	146 AT 01:12 EST ON APR 14	142 ON APR 14	0.181E ON JUL 13	186 000	1978
1979	---	125 B ON MAR 25	0.168E ON JUL 19	156 000	1979
1980	---	98.0B ON MAR 22	0.176 ON AUG 11	130 000	1980
1981	---	88.0B ON FEB 21	0.367 ON AUG 03	235 000	1981
1982	---	147 B ON APR 01	0.199 ON AUG 20	154 000	1982
1983	69.8 AT 17:30 EST ON MAR 19	56.7 ON MAR 19	0.151A ON SEP 19	196 000	1983
1984	121 AT 20:18 EST ON APR 05	102 ON APR 06	0.150A ON SEP 27	173 000	1984
1985	---	80.0B ON MAR 14	0.122 ON SEP 24	130 000	1985
1986	72.8 AT 13:21 EST ON MAY 23	56.5 ON MAY 23	0.405B ON JAN 16	173 000	1986
1987	129 AT 01:40 EST ON MAR 26	118 B ON MAR 25	0.146 ON SEP 07	151 000	1987
1988	---	57.8B ON MAR 27	0.126 ON AUG 20	115 000	1988
1989	---	110 B ON MAR 28	0.134 ON AUG 29	105 000	1989
1990	87.1 AT 17:16 EST ON APR 04	78.9B ON MAR 17	0.177 ON JUL 19	185 000	1990
				172 000	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX)
B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

CAT RIVER BELOW WESLEYAN LAKE - STATION NO. 04GA002

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1970	---	---	---	---	---	---	70.8	68.8	72.4	75.9	86.7	74.6	---	1970
1971	57.3	43.1	30.6	31.7	62.0	71.6	63.1	59.9	46.9	39.1	45.4	42.8	49.5	1971
1972	37.0	30.6	24.4	21.0	44.4	65.6	62.8	57.0	53.7	59.3	54.4	44.6	46.3	1972
1973	34.8	27.7	24.0	22.8	31.7	35.2	45.8	41.3	40.6	57.5	57.4	53.5	39.5	1973
1974	43.5	35.3	29.5	26.8	72.8	201	156	96.0	112	89.1	62.3	46.0	81.0	1974
1975	36.7	31.6	25.7	23.6	49.6	76.8	66.5	63.7	51.4	37.9	34.1	28.9	43.9	1975
1976	25.3	22.5	19.1	24.4	39.2	42.9	36.7	45.2	18.8	14.6	12.5	11.2	24.4	1976
1977	10.4	10.4	10.3	12.5	23.8	28.2	34.6	29.6	27.9	59.0	50.4	45.4	32.0	1977
1978	37.8	30.7	22.9	20.1	49.9	90.1	98.7	92.4	74.6	60.9	47.5	38.7	55.5	1978
1979	32.1	24.9	21.2	22.3	52.3	75.3	59.7	49.8	56.4	60.7	74.8	61.9	49.4	1979
1980	47.9	37.4	29.3	25.4	45.1	52.7	40.0	28.8	27.8	33.5	38.8	36.2	36.9	1980
1981	29.7	23.3	18.4	18.7	25.6	35.8	38.3	27.5	19.5	20.5	29.5	35.4	26.9	1981
1982	36.5	30.7	25.2	24.1	66.1	119	104	75.1	47.6	41.6	42.0	40.0	54.4	1982
1983	33.9	27.3	22.9	19.7	23.4	26.8	47.9	53.4	41.1	32.7	30.2	29.2	32.4	1983
1984	27.7	24.4	20.3	24.0	56.1	82.2	68.2	44.0	30.5	27.2	32.8	35.9	39.5	1984
1985	35.7	30.9	23.9	29.4	103	127	122	90.2	75.6	84.3	74.9	57.1	71.4	1985
1986	42.8	33.2	25.5	28.5	73.0	80.2	52.8	34.6	26.4	33.3	39.9	42.7	42.8	1986
1987	36.9	30.9	25.5	32.6	52.2	61.3	47.4	33.2	20.8	13.4	11.5	10.9	31.6	1987
1988	10.6	9.98	9.39	10.3	17.9	21.0	34.1	29.1	22.0	24.6	24.2	24.5	19.9	1988
1989	24.0	21.2	17.3	14.8	29.0	46.1	59.2	55.3	52.0	40.4	30.7	25.9	34.7	1989
1990	23.0	20.3	18.4	20.0	55.9	88.6	83.8	48.4	30.2	23.3	20.8	19.5	37.8	1990
MEAN	33.1	27.3	22.2	22.7	48.8	71.4	66.3	53.0	46.6	44.2	42.9	38.3	42.5	MEAN

LOCATION - LAT 51 10 00 N
LONG 091 35 50 W
DRAINAGE AREA, 5 390 km^2
NATURAL FLOW

CAT RIVER BELOW WESLEYAN LAKE - STATION NO. 043A002

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1970	---	---	---	---	1970
1971	75.0 AT 13:55 CST ON JUN 07	75.0 ON JUN 07	26.1 ON APR 10	1 560 000	1971
1972	69.7 AT 13:04 CST ON JUN 19	69.4 ON JUN 19	20.4 ON APR 16	1 460 000	1972
1973	---	66.5 ON OCT 16	21.1 ON APR 17	1 540 000	1973
1974	225 AT 15:16 CST ON JUN 17 *	225 ON JUN 17 *	24.4 ON APR 15	2 550 000	1974
1975	80.7 AT 21:35 CST ON JUN 23	80.1 ON JUN 23	22.7 ON APR 15	1 390 000	1975
1976	45.0 AT 18:59 CST ON JUN 19	44.7 ON JUN 19	10.4 ON DEC 30	771 000	1976
1977	64.0 AT 23:50 EST ON SEP 28	63.7 ON SEP 27	9.37 ON APR 07	1 010 000	1977
1978	104 AT 00:18 EST ON JUL 18	103 ON JUL 18	19.2 ON APR 21	1 750 000	1978
1979	78.7 AT 13:35 EST ON JUN 15	78.1 ON NOV 07	19.0 ON APR 12	1 560 000	1979
1980	56.6 AT 03:27 EST ON JUN 07	56.3 ON JUN 06	22.4 ON APR 17	1 170 000	1980
1981	42.2 AT 20:16 EST ON JUL 04	42.1 ON JUL 05	16.8 ON MAR 27	849 000	1981
1982	130 AT 13:35 EST ON JUN 24	129 ON JUN 20	22.7 ON APR 20	1 710 000	1982
1983	56.7 AT 19:11 EST ON AUG 13	56.4 ON AUG 12	18.6 ON APR 20	1 020 000	1983
1984	86.3 AT 02:54 EST ON JUN 27	86.2 ON JUN 26	18.0 ON APR 10	1 250 000	1984
1985	129 AT 14:44 EST ON JUN 11	129 ON JUN 09	19.8 E ON APR 07	2 250 000	1985
1986	89.1 AT 00:11 EST ON MAY 30	88.9 ON MAY 29	23.0 ON MAR 24	1 350 000	1986
1987	65.3 AT 14:40 EST ON JUN 02	64.9 ON JUN 03	10.7 ON DEC 27	998 000	1987
1988	37.5 AT 09:30 EST ON JUL 21	37.3 ON JUL 21	8.96E ON MAR 21 *	628 000	1988
1989	60.9 AT 20:54 EST ON JUL 17	60.5 ON JUL 18	13.9 ON APR 21	1 100 000	1989
1990	99.9 AT 23:47 EST ON JUN 28	99.8 ON JUN 29	18.2 E ON MAR 13	1 190 000	1990
	E - ESTIMATED	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		1 340 000	MEAN

CATARAQUI RIVER AT CHAFFEYS LOCKS - STATION NO. 02MA002

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1978	---	---	---	---	---	---	---	---	---	---	---	1.31	---	1978
1979	7.20	9.97	7.59	8.75	5.10	2.52	1.30	1.12	1.04	2.07	3.26	5.85	4.61	1979
1980	7.76	5.44	7.26	10.1	8.88	1.85	1.29	1.54	4.28	4.44	3.37	4.11	5.03	1980
1981	3.54	11.6	10.2	3.25	2.23	2.46	3.23	2.53	11.5	15.3	5.99	4.64	6.31	1981
1982	6.41	9.37	5.75	9.47	2.82	7.12	2.52	2.72	3.53	3.39	4.98	4.27	5.94	1982
1983	5.93	8.31	1.64	9.73	12.3	2.60	1.29	1.32	1.02	3.62	5.32	4.00	4.73	1983
1984	10.1	10.4	9.17	13.5	---	---	---	---	---	---	0.862	0.358	---	1984
1985	3.75	6.47	8.84	7.25	---	---	---	---	---	---	3.85	4.87	---	1985
1986	10.4	10.0	5.65	0.514	---	---	---	---	---	---	5.02	5.71	---	1986
1987	10.4	9.17	4.98	9.43	---	---	---	---	---	---	3.85	6.76	---	1987
1988	7.17	12.0	7.78	4.74	---	---	---	---	---	---	2.99	2.29	---	1988
1989	1.38	3.63	4.72	6.35	---	---	---	---	---	---	3.31	2.30	---	1989
1990	2.02	6.40	9.05	12.2	---	---	---	---	---	---	2.59	5.10	---	1990
MEAN	6.32	8.56	6.83	7.93	6.27	3.31	1.93	1.85	4.21	5.56	3.76	3.97	5.14	MEAN

LOCATION - LAT 44 34 43 N DRAINAGE AREA, 394 km^2
LONG 076 19 13 W REGULATED

REMARKS - EFFECTIVE 1984 SEASONAL OPERATION (MID-OCT TO MID-MAY)

CATARAQUI RIVER AT CHAFFEYS LOCKS - STATION NO. 02MA002

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1978	---	---	---	---	1978
1979	15.2 AT 14:50 EST ON MAR 06	14.9 ON MAR 08	0.536 ON JAN 01	145 000	1979
1980	19.4 AT 05:22 EST ON MAY 01	19.3 ON MAY 01	0.318 ON JUN 17	159 000	1980
1981	---	23.0E ON FEB 24 *	0.311 ON AUG 29	199 000	1981
1982	14.2 AT 09:40 EST ON MAY 29	13.8 ON MAY 30	0.200 ON JUL 06 *	159 000	1982
1983	20.0 AT 10:56 EST ON MAY 09	19.9 ON MAY 10	0.266 ON MAR 21	149 000	1983
1984	23.6 AT 11:09 EST ON MAY 03 *	21.3 ON APR 19	---	---	1984
1985	18.1 AT 23:12 EST ON FEB 26	17.9 ON FEB 27	---	---	1985
1986	15.4 AT 11:02 EST ON JAN 10	---	---	---	1986
1987	20.7 AT 10:27 EST ON APR 21	19.2 ON APR 08	---	---	1987
1988	17.5 AT 09:57 EST ON FEB 24	16.7 ON FEB 25	---	---	1988
1989	15.8 AT 13:09 EST ON MAY 10	---	---	---	1989
1990	15.1 AT 08:34 EST ON APR 24	---	---	---	1990
	E - ESTIMATED	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		162 000	MEAN

CATFISH CREEK AT AYLMER - STATION NO. 02GC030

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1987	1.26	0.447	2.47	3.05	0.319	0.181	0.048	0.057	0.061	0.217	0.746	2.43	0.943	1987
1988	0.577	1.57	2.23	1.28	0.348	0.116	0.077	0.034	0.016	0.336	2.18	1.59	0.859	1988
1989	1.11	0.541	1.48	1.97	0.304	0.552	0.116	0.064	0.075	0.156	0.743	0.190	0.607	1989
1990	3.20	3.93	2.96	1.56	1.27	0.472	0.431	0.787	1.46	2.13	2.43	6.09	2.22	1990
MEAN	1.54	1.62	2.29	1.97	0.560	0.330	0.168	0.236	0.403	0.710	1.52	2.58	1.16	MEAN

LOCATION - LAT 42 46 25 N DRAINAGE AREA, 120 km^2
LONG 080 58 58 W NATURAL FLOW

REMARKS - STATION ACTIVATED DEC 16 1986

CATFISH CREEK AT AYLMER - STATION NO. 02QC030

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1987	19.3 AT 18:02 EST ON APR 05 *	16.3 ON APR 05	0 ON JUL 23 *	29 800	1987
1988	16.6 AT 04:44 EST ON MAR 26	13.1 ON MAR 26	0 ON JUN 28	27 100	1988
1989	8.82 AT 14:50 EST ON APR 04	7.53 ON APR 04	0.029 ON AUG 15	19 100	1989
1990	---	31.0 E ON DEC 30 *	0.130 ON AUG 03	70 000	1990
	E - ESTIMATED	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		36 500	MEAN

CATFISH CREEK NEAR SPARTA - STATION NO. 02QC018

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1964	---	---	---	---	---	---	---	3.72	0.403	0.275	0.228	2.27	---	1964
1965	3.66	10.8	14.1	9.31	0.701	0.224	0.164	0.168	0.144	1.28	1.51	5.28	3.90	1965
1966	1.51	4.04	7.09	5.61	1.49	1.12	0.152	0.130	0.163	0.143	0.320	0.75	2.39	1966
1967	2.94	1.69	6.01	8.42	2.78	4.72	1.27	0.137	0.168	0.342	1.85	6.32	3.06	1967
1968	4.69	11.3	7.67	2.72	0.657	4.30	1.13	0.896	1.03	1.58	4.44	3.88	3.65	1968
1969	13.1	2.73	4.03	10.1	8.42	1.50	0.470	0.239	0.160	0.281	3.29	2.92	3.79	1969
1970	1.85	3.24	7.64	6.18	0.868	0.327	0.435	0.089	0.145	0.430	5.34	5.23	2.64	1970
1971	1.26	9.80	10.2	3.12	0.554	0.323	0.104	0.087	0.096	0.171	0.173	0.729	2.17	1971
1972	1.93	0.493	11.8	8.18	2.41	1.14	2.10	0.639	0.204	0.459	1.17	6.58	3.45	1972
1973	3.99	4.50	16.7	2.33	1.64	1.38	0.383	0.373	0.153	0.300	3.28	3.77	3.45	1973
1974	9.12	4.00	7.92	5.74	5.31	1.82	0.935	0.166	0.147	0.270	1.88	2.52	3.32	1974
1975	7.53	5.88	9.82	3.92	1.14	3.07	0.969	4.39	6.41	1.28	2.67	4.76	4.31	1975
1976	4.37	15.6	15.6	3.64	3.04	0.842	1.14	0.618	0.234	0.462	1.09	0.716	3.90	1976
1977	0.339	1.81	18.2	4.96	0.942	0.334	0.230	0.208	4.95	3.62	3.34	13.2	4.37	1977
1978	2.02	1.32	17.4	9.93	2.11	0.464	0.228	0.248	0.199	0.457	0.857	1.92	3.12	1978
1979	3.00	1.91	12.6	12.2	1.59	0.703	0.422	0.535	0.385	0.823	7.09	9.02	4.21	1979
1980	3.57	1.08	9.31	8.63	1.71	2.49	2.92	1.30	2.00	4.04	1.25	3.65	3.51	1980
1981	0.377	10.7	2.67	5.42	1.48	0.683	0.402	1.13	5.65	8.42	3.03	2.14	3.44	1981
1982	2.77	0.483	16.3	6.83	3.09	3.25	0.712	0.633	1.03	2.45	15.0	20.2	6.11	1982
1983	4.85	6.00	3.28	8.02	6.42	1.07	1.04	7.75	3.09	4.56	2.44	11.2	4.95	1983
1984	0.800	16.6	8.49	5.08	2.10	4.96	0.831	0.413	0.754	0.525	2.57	4.96	3.94	1984
1985	3.10	12.4	14.2	6.84	0.796	1.06	0.450	1.33	0.569	2.65	13.6	4.49	5.06	1985
1986	4.29	2.96	11.4	3.69	2.00	1.51	0.437	0.316	0.618	3.45	1.71	7.43	3.51	1986
1987	1.83	1.06	5.48	7.88	0.537	0.281	0.106	0.227	0.179	0.328	1.72	6.57	2.36	1987
1988	1.17	1.12	5.19	2.64	0.598	0.149	0.215	0.169	0.114	0.830	5.47	2.88	1.87	1988
1989	2.22	1.07	3.23	4.29	0.811	2.14	0.169	0.082	0.107	0.187	1.50	0.463	1.35	1989
1990	7.40	8.38	5.75	3.59	2.69	0.945	0.814	3.91	4.04	5.02	5.29	14.1	5.15	1990
MEAN	3.57	5.42	9.89	6.23	2.07	1.57	0.701	1.11	1.23	1.55	3.60	5.77	3.57	MEAN

LOCATION - LAT 42 44 46 N LONG 081 03 29 W DRAINAGE AREA, 287 km^2 NATURAL FLOW

CATFISH CREEK NEAR SPARTA - STATION NO. 02QC018

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1964	---	---	---	---	1964
1965	145 AT 17:00 EST ON MAR 05	130 ON MAR 05	0.102 ON AUG 26	123 000	1965
1966	58.6 AT 22:30 EST ON DEC 07	40.2 ON DEC 08	0.051 ON JUL 21	75 300	1966
1967	118 AT 11:00 EST ON JUN 29	71.6 ON JUN 29	0.125 ON SEP 08	96 600	1967
1968	144 AT 12:00 EST ON FEB 02	129 ON FEB 02	0.212 ON SEP 01	116 000	1968
1969	133 AT 20:45 EST ON JAN 30	106 ON JAN 30	0.122 ON SEP 04	119 000	1969
1970	92.6 AT 17:46 EST ON APR 02	51.5 ON APR 02	0.040 ON AUG 11	83 200	1970
1971	113 AT 10:17 EST ON FEB 27	81.6 ON FEB 27	0.024 ON AUG 10	68 400	1971
1972	89.8 AT 09:50 EST ON MAR 22	54.7 ON MAR 22	0.142 ON SEP 07	109 000	1972
1973	130 AT 18:12 EST ON MAR 11	64.0 ON MAR 11	0.119 ON SEP 09	102 000	1973
1974	91.7 AT 10:21 EST ON JAN 27	66.0 ON JAN 27	0.093 ON AUG 26	105 000	1974
1975	73.3 AT 07:54 EST ON JAN 09	50.7 ON JAN 09	0.173 ON AUG 01	136 000	1975
1976	140 E AT 12:50 EST ON MAR 05	105 E ON MAR 05	0.167 ON SEP 06	123 000	1976
1977	130 AT 04:20 EST ON MAR 05	103 ON MAR 13	0.125 ON JUL 31	130 000	1977
1978	148 AT 16:38 EST ON MAR 21	89.8 ON MAR 22	0.037 ON SEP 26	98 300	1978
1979	147 AT 04:15 EST ON APR 14	103 ON APR 14	0.176 ON JUL 30	133 000	1979
1980	127 AT 14:11 EST ON MAR 21	68.2 ON MAR 21	0.226 ON JUL 18	111 000	1980
1981	---	56.0E ON FEB 23	0.138 ON JUL 16	109 000	1981
1982	151 AT 00:01 EST ON MAR 14	101 ON MAR 14	0.210E ON SEP 21	193 000	1982
1983	---	93.0E ON AUG 12	0.210E ON SEP 15	156 000	1983
1984	296 AT 06:42 EST ON FEB 14 *	201 ON FEB 14 *	0.228 ON AUG 28	125 000	1984
1985	158 AT 19:54 EST ON FEB 24	126 ON FEB 24	0.067 ON AUG 13	160 000	1985
1986	131 AT 03:32 EST ON MAR 11	80.5 ON MAR 11	0.144 ON AUG 25	111 000	1986
1987	64.6 AT 10:19 EST ON APR 05	47.2 ON APR 05	0.015 ON JUL 28 *	74 400	1987
1988	42.4 AT 00:47 EST ON MAR 26	29.9 ON MAR 26	0.034 ON JUL 16	59 200	1988
1989	26.1 AT 11:04 EST ON JUN 22	17.6 ON APR 04	0.053 ON AUG 28	42 700	1989
1990	102 AT 08:10 EST ON DEC 30	86.9 ON DEC 30	0.129 ON AUG 11	162 000	1990
	E - ESTIMATED	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		113 000	MEAN

CEDAR CREEK AT WOODSTOCK - STATION NO. 02GD011

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1951	---	---	---	---	---	---	0.488	0.198	0.186	0.336	1.35	0.648	---	1951
1952	2.19	1.53	2.99	2.07	0.662	0.336	0.272	0.281	0.255	0.249	0.468	0.781	1.00	1952
1953	1.18	1.21	3.13	1.40	1.15	0.985	0.343	0.253	0.259	0.070	0.575	0.785	0.942	1953
1954	1.19	3.12	3.09	3.53	1.18	0.380	0.176	0.090	0.223	2.50	1.25	1.38	1.50	1954
1955	1.54	1.53	3.35	1.78	0.478	0.223	0.134	0.140	0.122	0.359	0.700	0.792	0.942	1955
1956	0.615	0.791	3.51	1.96	1.86	0.341	0.425	1.18	1.07	0.601	0.618	0.926	1.14	1956
1957	1.30	1.11	1.09	1.53	0.703	0.348	0.487	0.197	0.378	0.388	0.838	1.12	0.789	1957
1958	0.517	0.513	1.13	0.696	0.258	0.292	0.428	0.169	0.261	---	---	---	---	1958
1960	1.04	1.51	2.20	4.43	1.41	0.942	0.215	0.170	0.183	0.397	0.055	0.157	1.05	1960
1961	0.207	1.49	1.35	1.38	0.904	0.284	0.168	0.386	0.285	0.301	0.320	0.396	0.594	1961
1962	0.421	0.539	2.94	0.758	0.739	0.508	0.325	0.305	0.382	0.604	1.16	0.927	0.811	1962
1963	0.333	0.263	3.35	1.00	0.588	0.237	0.186	0.191	0.150	0.229	0.167	0.142	0.575	1963
1964	0.435	0.346	1.44	1.22	0.503	0.120	0.136	1.19	0.341	0.150	0.221	0.878	0.584	1964
1965	0.870	3.03	2.96	3.70	0.528	0.145	0.066	0.079	0.078	0.168	0.599	1.15	1.10	1965
1966	0.564	1.22	2.08	1.48	0.788	0.447	0.179	0.185	0.152	0.170	0.802	2.31	0.860	1966
1967	1.13	0.525	2.03	2.12	0.874	0.646	0.396	0.238	0.171	0.523	0.928	1.63	0.954	1967
1968	0.607	2.90	2.07	0.631	0.415	0.572	0.253	0.145	0.133	0.177	0.645	0.636	0.757	1968
1969	2.04	1.04	1.56	2.07	1.12	0.360	0.131	0.092	0.081	0.188	0.730	0.418	0.817	1969
1970	0.211	0.443	1.56	1.20	0.653	0.114	0.313	0.218	0.207	0.302	0.654	0.801	0.557	1970
1971	0.510	1.08	2.71	1.52	0.210	0.213	0.179	0.091	0.062	0.113	0.154	0.321	0.596	1971
1972	0.447	0.215	2.93	2.28	0.673	0.193	0.545	0.823	0.203	0.552	1.04	1.74	0.972	1972
1973	1.16	0.949	4.34	1.20	0.696	0.356	0.329	0.308	0.130	0.409	1.48	1.06	1.04	1973
1974	2.30	1.13	2.02	1.91	1.37	0.492	0.239	0.221	0.202	0.343	0.879	0.524	0.970	1974
1975	1.29	1.88	2.65	1.70	0.473	0.622	0.183	0.363	0.619	0.435	0.726	1.00	0.989	1975
1976	0.841	3.50	4.72	1.64	1.56	0.364	1.19	0.454	0.301	0.434	0.650	0.388	1.32	1976
1977	0.248	0.417	4.81	1.47	0.343	0.221	0.139	0.221	0.910	0.976	0.850	2.17	1.07	1977
1978	0.483	0.309	2.89	3.81	0.622	0.185	0.094	0.162	0.418	0.440	0.561	0.738	0.900	1978
1979	0.946	0.690	3.95	3.49	0.756	0.244	0.143	0.282	0.182	0.507	1.50	2.10	1.24	1979
1980	1.09	0.445	2.51	2.24	0.716	0.289	0.423	0.226	0.283	0.632	0.386	0.806	0.840	1980
1981	0.191	3.24	0.834	1.01	0.468	0.389	0.155	0.516	1.67	1.23	0.794	0.450	0.894	1981
1982	0.502	0.280	4.69	2.69	0.585	0.784	0.260	0.265	0.268	0.263	1.31	2.53	1.21	1982
1983	0.742	1.33	1.10	1.65	1.26	0.436	0.494	1.75	0.413	0.504	0.912	1.57	1.01	1983
1984	0.430	3.93	2.22	1.79	0.680	1.59	0.464	0.230	0.441	0.355	0.767	1.41	1.18	1984
1985	0.929	3.24	4.47	2.10	0.415	0.310	0.292	0.250	0.279	1.03	3.37	1.46	1.50	1985
1986	1.27	0.708	3.66	1.20	0.799	0.556	0.457	0.302	0.666	1.24	0.869	1.50	1.11	1986
1987	0.846	0.441	1.97	2.09	0.326	0.213	0.860	0.205	0.184	0.231	0.523	1.33	0.771	1987
1988	0.328	0.623	1.60	0.793	0.481	0.098	0.297	0.355	0.141	0.533	1.25	0.796	0.608	1988
1989	0.959	0.445	1.34	1.08	0.444	0.351	0.123	0.096	0.118	0.238	0.622	0.195	0.501	1989
1990	1.62	2.33	2.21	0.967	0.965	0.429	0.937	0.250	0.297	0.784	1.24	2.47	1.20	1990
MEAN	0.872	1.33	2.62	1.84	0.746	0.411	0.331	0.335	0.324	0.504	0.840	1.06	0.943	MEAN

LOCATION - LAT 43 07 39 N DRAINAGE AREA, 93.2 km²
LONG 080 46 06 W REGULATED

CEDAR CREEK AT WOODSTOCK - STATION NO. 02GD011

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1951	----	----	----	----	1951
1952	----	10.8 ON MAR 11	0.142 ON AUG 26	31 700	1952
1953	----	19.3 ON MAR 04	0.028 ON OCT 22	29 700	1953
1954	----	21.9 ON FEB 16	0.028 ON JUL 26	47 400	1954
1955	----	13.5 ON MAR 01	0.028 ON JUL 11	29 700	1955
1956	----	24.5 ON MAR 07	0.108 ON JUN 22	36 000	1956
1957	----	11.2 ON APR 06	0.082 ON AUG 28	24 900	1957
1958	----	----	----	----	1958
1960	----	37.4 ON MAR 31 *	0.025 ON NOV 06	33 300	1960
1961	----	8.16 ON FEB 24	0 ON JUL 27 *	18 700	1961
1962	----	10.1 B ON MAR 13	0.099 ON AUG 03	25 600	1962
1963	----	12.3 ON MAR 18	0.037 ON SEP 11	18 100	1963
1964	----	4.70 ON AUG 24	0.014 ON JUL 27	18 500	1964
1965	----	27.6 ON FEB 10	0.003 ON JUL 02	34 600	1965
1966	----	11.4 ON DEC 07	0.040 ON SEP 01	27 100	1966
1967	----	14.6 ON DEC 22	0.017 ON JUN 17	30 100	1967
1968	----	35.4 ON FEB 02	0.057 ON JUN 09	23 900	1968
1969	----	19.6 ON JAN 30	0.006 ON AUG 31	25 800	1969
1970	----	7.05 ON APR 03	0 ON APR 22	17 600	1970
1971	----	11.4 ON MAR 16	0 ON MAY 07	18 700	1971
1972	----	14.5 ON MAR 22	0.040 ON AUG 17	30 700	1972
1973	20.5 AT 22:41 EST ON MAR 11	14.0 ON MAR 12	0.020 ON SEP 26	32 700	1973
1974	21.7 AT 20:34 EST ON JAN 27	14.3 ON JAN 27	0.008 ON JUL 11	30 600	1974
1975	22.1 AT 22:10 EST ON FEB 24	15.0 ON FEB 24	0 ON JUL 16	31 200	1975
1976	68.0 AT 21:51 EST ON MAR 05 *	26.8 ON MAR 06	0.102 ON AUG 23	41 700	1976
1977	26.1 AT 12:21 EST ON MAR 13	21.2 ON MAR 13	0.026 ON AUG 11	33 800	1977
1978	18.7 AT 12:02 EST ON MAR 24	15.1 ON MAR 24	0.021 ON JUL 19	28 400	1978
1979	56.3 AT 21:43 EST ON MAR 04	28.7 ON APR 14	0 ON SEP 29	38 900	1979
1980	23.5 AT 22:15 EST ON MAR 17	11.4 ON MAR 18	0.002 ON JUN 26	26 600	1980
1981	14.7 AT 03:52 EST ON FEB 19	13.9 ON FEB 19	0 ON AUG 21	28 200	1981
1982	53.5 AT 11:27 EST ON MAR 31	36.0 ON MAR 31	0.149 ON JAN 31	38 200	1982
1983	8.29 AT 14:23 EST ON SEP 16	6.67 ON AUG 01	0.145 ON SEP 13	31 900	1983
1984	25.1 AT 15:42 EST ON FEB 14	20.9 ON FEB 14	0.183 ON AUG 24	37 200	1984
1985	38.7 AT 23:02 EST ON FEB 24	22.9 ON FEB 25	0.162 ON AUG 13	47 200	1985
1986	18.0 AT 19:34 EST ON MAR 19	12.8 ON MAR 19	0.193 ON SEP 09	34 900	1986
1987	12.3 AT 22:54 EST ON APR 05	10.6 ON APR 06	0.122A ON SEP 08	24 300	1987
1988	7.26 AT 07:26 EST ON MAR 26	6.14 ON MAR 26	0.050E ON SEP 16	19 200	1988
1989	5.11 AT 10:46 EST ON JAN 27	3.52 ON MAR 19	0.063 ON AUG 10	15 800	1989
1990	25.0 AT 00:37 EST ON JUL 09	16.6 ON DEC 30	0.150 ON SEP 05	38 000	1990
MEAN				29 800	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX) B - ICE CONDITIONS E - ESTIMATED * - EXTREME RECORDED FOR THE PERIOD OF RECORD

CEDAR CREEK NEAR HEMLO - STATION NO. 02BB004

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1984	---	---	---	---	---	---	---	---	---	---	---	4.20	---	1984
1985	2.27	1.04	0.521	1.35	4.86	2.67	1.41	2.74	2.53	5.30	4.01	2.04	2.82	1985
1986	0.863	0.536	0.473	6.80	6.40	0.961	1.10	0.996	2.49	3.23	3.68	1.39	2.41	1986
1987	0.687	0.568	0.700	1.61	2.10	2.33	2.08	1.80	0.927	1.15	2.80	2.40	1.77	1987
1988	1.03	0.589	0.454	5.40	8.53	2.39	0.326	0.874	1.09	1.31	4.07	2.45	2.38	1988
1989	1.20	0.812	0.569	1.66	13.8	2.75	0.430	0.077	0.044	0.150	0.581	0.479	1.90	1989
1990	0.391	0.262	0.358	2.64	5.40	1.52	1.80	0.362	0.418	2.29	3.79	2.92	1.86	1990
MEAN	1.07	0.635	0.513	3.91	6.87	2.10	1.19	1.14	1.25	2.41	3.16	2.27	2.19	MEAN

LOCATION - LAT 49 42 27 N LONG 085 54 39 W
DRAINAGE AREA, 201 km²
REGULATED

REMARKS - STATION ACTIVATED NOV 1984

CEDAR CREEK NEAR HEMLO - STATION NO. 02BB004

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1984	---	---	---	---	1984
1985	12.0 AT 22:23 EST ON APR 25	11.8 ON APR 26	0.436B ON APR 05	89 000	1985
1986	13.3 AT 19:23 EST ON MAY 01	13.1 ON MAY 01	0.157 ON JUN 25	76 100	1986
1987	5.80 AT 12:10 EST ON APR 22	5.71 ON APR 22	0.213 ON SEP 21	55 700	1987
1988	12.0 AT 17:02 EST ON MAY 13	11.7 ON MAY 13	0.170 ON JUL 29	75 400	1988
1989	21.2 AT 16:33 EST ON MAY 15 *	20.7 ON MAY 15 *	0.025 ON SEP 12 *	59 800	1989
1990	15.0 AT 12:32 EST ON APR 29	14.2 ON APR 29	0.099 ON SEP 07	58 500	1990
	B - ICE CONDITIONS	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		69 100	MEAN

CEDAR RIVER BELOW WABASKANG LAKE - STATION NO. 05QE008

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1970	14.8	11.2	9.82	9.24	22.3	43.2	34.9	18.7	15.3	17.2	25.5	22.6	20.4	1970
1971	17.8	13.5	11.0	14.6	21.6	25.7	19.7	11.7	8.89	7.95	8.70	9.14	14.1	1971
1972	9.50	9.11	8.82	8.72	11.5	11.0	10.4	8.88	7.79	7.04	6.17	6.23	8.78	1972
1973	6.42	6.11	6.12	8.07	8.94	9.79	8.65	9.97	11.1	13.3	12.4	11.3	9.52	1973
1974	10.2	9.49	8.90	13.2	44.5	62.0	40.7	23.1	20.6	14.1	10.7	9.10	22.3	1974
1975	9.24	9.32	8.59	9.12	17.1	22.3	23.1	15.9	10.3	7.33	6.39	5.61	12.0	1975
1976	5.43	5.46	5.40	9.13	10.9	11.1	9.19	6.25	4.64	3.02	2.31	2.07	6.23	1976
1977	2.17	2.17	2.20	3.20	3.77	5.08	5.92	6.92	9.84	9.14	8.39	9.54	5.71	1977
1978	9.41	8.59	7.19	7.32	20.6	29.5	25.7	19.9	15.6	10.2	6.90	6.06	11.9	1978
1979	5.74	5.34	5.37	9.11	18.1	19.8	15.0	11.3	10.4	7.34	8.19	7.35	10.3	1979
1980	7.91	7.46	7.01	8.01	8.37	8.86	6.80	5.46	6.94	5.60	5.35	4.90	6.88	1980
1981	4.68	4.18	4.15	4.32	4.03	4.60	5.94	5.76	5.53	5.31	5.21	5.13	4.91	1981
1982	5.16	5.32	5.45	6.80	11.2	15.5	19.1	16.5	11.6	11.6	9.26	8.43	10.5	1982
1983	7.79	7.10	6.63	6.45	7.77	11.4	12.8	9.36	5.26	3.73	2.99	2.67	7.00	1983
1984	2.61	2.68	2.88	4.33	8.24	10.7	12.8	10.2	6.40	5.12	5.18	5.39	6.22	1984
1985	6.49	6.43	5.90	7.41	16.5	25.0	23.7	16.5	16.2	14.4	12.1	12.1	13.6	1985
1986	11.0	8.83	7.36	10.0	22.8	20.4	13.3	8.78	6.05	5.54	4.19	3.89	10.2	1986
1987	3.30	4.13	4.51	5.23	4.75	5.05	4.20	3.52	2.55	2.20	1.97	1.90	3.65	1987
1988	1.88	1.77	2.03	3.12	4.18	4.80	8.78	9.76	8.82	6.75	5.70	5.59	5.28	1988
1989	5.31	5.46	5.28	5.95	13.6	19.7	17.0	12.6	8.03	4.96	3.65	2.99	8.75	1989
1990	2.81	2.72	2.87	4.16	5.81	9.79	17.4	15.2	9.36	6.22	4.50	3.82	7.09	1990
MEAN	7.16	6.49	6.07	7.49	13.6	17.8	15.9	11.7	9.68	8.00	7.40	6.96	9.87	MEAN

LOCATION - LAT 50 30 10 N LONG 093 15 30 W
DRAINAGE AREA, 1 690 km²
NATURAL FLOW

REMARKS - CHANGE IN CONTROL DUE TO BRIDGE CONSTRUCTION IN FEB 86.

CEDAR RIVER BELOW WABASKANG LAKE - STATION NO. 05QB008

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1970	46.7 AT 12:00 CST ON JUN 18	46.2 ON JUN 18	7.93 ON APR 15	644 000	1970
1971	26.7 AT 11:35 CST ON JUN 22	26.7 ON JUN 22	7.53 ON OCT 30	443 000	1971
1972	14.1 AT 17:33 CST ON APR 30	14.0 ON APR 30	6.00 ON NOV 30	278 000	1972
1973	16.8 AT 12:53 CST ON APR 22	16.5 ON APR 22	5.58 ON MAR 31	300 000	1973
1974	71.4 AT 08:48 CST ON JUN 09 *	70.5 ON JUN 08 *	7.76 ON APR 15	702 000	1974
1975	26.8 AT 16:24 CST ON JUN 25	26.5 ON JUN 26	5.47 ON DEC 11	380 000	1975
1976	15.7 AT 16:30 CST ON APR 18	15.0 ON APR 18	2.02A ON NOV 28	197 000	1976
1977	12.7 AT 16:42 CST ON SEP 13	12.6 ON SEP 13	2.10 ON MAR 01	180 000	1977
1978	12.6 AT 23:41 CST ON JUN 25	12.0 ON JUN 25	5.83 ON DEC 28	440 000	1978
1979	21.9 AT 13:10 CST ON JUN 04	21.5 ON JUN 02	5.01 ON MAR 12	324 000	1979
1980	13.4 AT 13:47 CST ON APR 23	13.2 ON APR 24	4.54 ON DEC 25	218 000	1980
1981	6.56 AT 14:33 CST ON JUL 03	6.41 ON AUG 11	3.52 ON MAY 23	155 000	1981
1982	20.4 AT 11:03 CST ON JUL 24	20.3 ON JUL 26	4.72E ON JAN 01	331 000	1982
1983	15.7 AT 08:15 CST ON JUL 04	15.0 ON JUL 04	2.63E ON DEC 26	221 000	1983
1984	13.5 AT 11:45 CST ON JUL 17	13.4 ON JUL 22	2.61E ON JAN 05	197 000	1984
1985	29.7 A AT 13:00 CST ON JUL 01	29.5 A ON JUL 01	4.94A ON APR 11	429 000	1985
1986	25.5 AT 22:54 CST ON MAY 06	25.4 ON MAY 27	3.81B ON DEC 30	322 000	1986
1987	5.90 AT 17:37 CST ON APR 13	5.86 ON APR 13	1.85 ON DEC 07	119 000	1987
1988	10.5 AT 05:59 CST ON AUG 07	10.4 ON AUG 07	1.72 ON FEB 15 *	167 000	1988
1989	21.3 AT 13:20 CST ON JUN 28	21.2 ON JUN 27	2.81 ON DEC 31	276 000	1989
1990	---	18.8 A ON JUL 11	2.58 ON MAR 09	224 000	1990
				312 000	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX)
B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

CHIPPEWA CREEK AT NORTH BAY - STATION NO. 02DD014

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1974	---	---	---	---	---	---	---	---	---	---	1.15	0.261	---	1974
1975	0.251	0.141	0.209	1.38	0.822	0.499	0.338	0.116	0.241	0.423	0.602	0.528	0.463	1975
1976	0.128	0.088	1.39	1.77	1.03	0.348	0.452	0.186	0.214	0.233	0.248	0.164	0.519	1976
1977	0.118	0.106	1.42	1.71	0.270	0.209	0.527	0.537	0.659	0.563	0.653	0.302	0.591	1977
1978	0.181	0.135	0.146	1.78	0.348	0.290	0.286	0.547	0.916	0.867	0.461	0.235	0.558	1978
1979	0.192	0.209	1.45	2.62	0.935	0.300	0.184	0.344	0.480	0.805	0.968	0.444	0.745	1979
1980	0.258	0.125	0.722	3.17	0.595	0.536	0.595	0.349	0.969	0.983	0.611	0.272	0.763	1980
1981	0.143	0.894	0.730	2.14	0.737	0.565	0.161	0.240	0.936	1.30	0.518	0.104	0.722	1981
1982	0.185	0.169	0.381	2.48	0.500	0.351	0.190	0.196	0.604	0.624	0.760	1.36	0.646	1982
1983	0.487	0.192	0.960	1.25	1.31	0.393	0.170	0.229	0.496	1.05	0.455	0.254	0.624	1983
1984	0.170	0.929	0.772	1.48	0.804	0.691	0.698	0.429	0.695	0.649	1.30	0.804	0.780	1984
1985	0.734	0.530	0.693	3.09	0.832	0.344	0.639	0.194	0.219	0.338	0.566	0.303	0.710	1985
1986	0.137	0.121	0.825	1.86	0.797	0.568	0.636	0.281	0.149	0.606	0.407	0.274	0.573	1986
1987	0.193	0.176	1.02	1.01	0.409	0.384	0.273	0.269	0.160	0.451	0.513	0.465	0.444	1987
1988	0.195	0.462	0.659	2.10	0.579	0.211	0.146	0.604	0.494	0.916	0.826	0.117	0.624	1988
1989	0.236	0.212	1.17	1.56	0.983	0.678	0.186	0.172	0.147	0.285	0.594	0.236	0.539	1989
1990	0.365	0.285	1.02	1.52	1.44	0.656	0.440	0.272	0.557	1.14	1.58	0.555	0.821	1990
MEAN	0.252	0.298	0.852	1.93	0.818	0.439	0.367	0.309	0.509	0.702	0.718	0.416	0.633	MEAN

LOCATION - LAT 46 18 38 N LONG 079 27 00 W DRAINAGE AREA, 37.3 km^2 NATURAL FLOW

CHIPPEWA CREEK AT NORTH BAY - STATION NO. 02DD014

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1974	---	---	---	---	1974
1975	6.63 AT 18:51 EST ON JUL 20	4.02 ON APR 19	0 E ON AUG 18 *	14 600	1975
1976	8.01 AT 19:14 EST ON MAR 27	6.09 ON MAR 27	0.068 ON AUG 30	16 400	1976
1977	9.46 AT 06:24 EST ON JUL 25	6.23 ON JUL 25	0.059 ON JUL 23	18 600	1977
1978	10.3 AT 03:28 EST ON SEP 15	5.66 ON SEP 15	0.062 ON JUL 06	17 600	1978
1979	---	5.30B ON MAR 24	0.075 ON JUL 20	23 500	1979
1980	13.6 AT 21:00 EST ON APR 09	11.6 E ON APR 09 *	0.122B ON FEB 11	24 100	1980
1981	11.5 AT 10:49 EST ON APR 04	7.90 ON APR 04	0.074 ON AUG 22	22 800	1981
1982	15.3 AT 01:32 EST ON DEC 26	7.70 ON APR 17	0.076 ON JUL 27	20 400	1982
1983	9.02 AT 15:27 EST ON MAR 19	7.09 ON MAR 19	0.082 ON JUL 27	19 700	1983
1984	7.82 AT 00:12 EST ON NOV 02	4.80E ON NOV 02	0.126B ON FEB 01	24 700	1984
1985	16.3 AT 21:48 EST ON APR 22 *	10.4 ON APR 22	0.112 ON JUL 04	22 400	1985
1986	10.8 AT 01:30 EST ON JUL 29	7.27 ON JUL 29	0.095 ON AUG 31	18 100	1986
1987	7.01 AT 13:04 EST ON MAR 30	6.01 ON MAR 30	0.077 ON AUG 01	14 000	1987
1988	10.0 AT 05:34 EST ON AUG 14	6.06 ON APR 07	0.089 ON JUL 27	19 700	1988
1989	14.8 E AT 01:00 EST ON JUN 10	5.80B ON MAR 28	0.093 ON SEP 21	17 000	1989
1990	14.2 AT 11:51 EST ON MAY 18	11.4 ON MAY 18	0.101 ON SEP 02	25 900	1990
				20 000	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

CHUKUNI RIVER NEAR EAR FALLS - STATION NO. 05QC001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1962	---	---	---	---	---	---	---	---	---	40.4	36.1	32.6	---	1962
1963	26.9	23.6	9.34	24.2	63.7	96.5	72.1	41.5	12.6	9.54	11.6	6.88	33.2	1963
1964	6.88	7.68	7.17	12.0	76.9	43.7	35.8	22.4	38.0	40.5	30.9	25.1	29.0	1964
1965	20.5	16.1	13.1	13.3	51.2	67.1	34.4	16.4	19.4	26.5	23.8	23.3	27.1	1965
1966	19.6	15.1	12.9	16.2	77.8	100	70.6	15.1	13.4	13.0	13.4	12.4	31.7	1966
1967	11.3	11.2	11.0	25.8	85.9	75.5	48.1	50.7	12.2	9.64	10.1	10.3 R	29.8 R	1967
1968	9.11R	9.04R	9.25R	25.7	61.0	92.6	75.7	54.3	60.2	65.8	46.7	33.6	45.5 R	1968
1969	31.5	29.8	26.1	31.6	49.2	66.5	68.6	40.4	42.1	61.6	38.5	33.8	43.4	1969
1970	29.7	20.2	18.8	19.4	44.4	49.4	45.8	25.6	29.0	47.2	85.4	60.5	39.7	1970
1971	45.2	29.1	23.0	23.8	60.3	46.1	56.0	16.5	11.5	9.62	12.6	14.6	28.7	1971
1972	15.7	14.4 R	14.0	19.6	89.4	53.3	33.8	19.2	12.6	13.8	13.0	11.4	25.9 R	1972
1973	10.6	11.0	11.8	20.1	37.8	43.6	36.1	44.2	66.9	67.7	30.1	25.7	33.9	1973
1974	22.0	18.4	16.9	27.3	142	162	73.5	38.9	66.2	35.4	23.4	13.6	53.4	1974
1975	14.0	14.5	14.9	27.7	66.5	62.0	39.0	40.5	32.3	29.6	19.8	8.62	30.9	1975
1976	9.63	10.6	13.7	41.0	32.2	15.2	10.5	8.77	7.97	11.4	17.5	6.48	15.4	1976
1977	3.29	3.38	2.98	6.42	4.15	11.1	43.3	28.3	77.8	68.2	30.7	26.4	25.6	1977
1978	21.2	19.6	18.3	19.4	58.3	42.4	71.4	52.4	42.1	36.6	17.1	11.3	36.7	1978
1979	10.4	10.4	11.3	36.7	87.2	72.6	27.4	29.5	44.4	26.0	23.6	26.2	34.2	1979
1980	16.2	15.1	16.9	32.0	42.9	27.5	21.5	15.4	19.3	23.8	28.1	14.1	22.7	1980
1981	11.7	11.3	11.7	10.3	6.38	14.4	20.0	3.88	12.0	19.4	21.9	15.1	13.8	1981
1982	10.9	10.3	10.2	16.8	73.4	86.9	40.1	39.9	15.9	21.6	28.2	15.5	30.9	1982
1983	12.9	12.3	12.0	13.2	6.92	45.1	56.8	16.3	10.4	6.52	15.3	15.0	16.9	1983
1984	14.3	12.2	10.5	9.32	35.5	71.5	46.4	15.6	7.33	13.8	30.5	23.9	24.2	1984
1985	17.9	12.6	12.6	28.3	71.3	56.0	76.1	44.2	65.5	54.2	26.3	21.8	40.7	1985
1986	20.8	18.1	15.3	25.8	75.7	33.4	18.3	17.8	8.41	22.5	22.2	17.5	24.7	1986
1987	14.9	14.0	14.2	33.0	21.9	18.8	11.9	7.70	0.937	0.475	5.52R	6.16R	12.4 R	1987
1988	5.76	5.66	5.68	8.58	9.43	10.9	11.8	6.41	5.57	10.5	17.3	14.9	9.38	1988
1989	13.3	11.6	10.1	17.6	27.9	56.1	60.6	28.7	20.9	15.9	14.1	11.6	24.1	1989
1990	10.7	10.2	10.5	19.2	80.4	83.6	77.7	34.2	5.20	7.17	12.2	9.78	30.2	1990
MEAN	16.2 R	14.2 R	13.0 R	21.5	55.0	57.7	46.0	27.7	27.1	27.9	24.3 R	18.9 R	29.1 R	MEAN

LOCATION - LAT 50 52 20 N LONG 093 29 00 W

DRAINAGE AREA, 4 920 km²
REGULATED SINCE 1964

R - REVISED SINCE JAN 01 1989

REMARKS - RECORD MINIMUM FLOW OCCURRED IN 1963 DUE TO CLOSURE OF RED LAKE OUTLET FROM CONSTRUCTION ON SNOWSHOE RAPIDS

CHUKUNI RIVER NEAR EAR FALLS - STATION NO. 05QC001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1962	---	---	---	---	1962
1963	---	105 ON JUN 17	0.028E ON SEP 24 *	1 050 000	1963
1964	---	98.3 ON MAY 13	6.51 ON JAN 09	917 000	1964
1965	---	76.7 ON JUN 09	3.11 ON APR 22	856 000	1965
1966	---	131 ON MAY 21	9.91 ON AUG 16	1 000 000	1966
1967	---	105 ON MAY 27	8.95 ON SEP 09	940 000	1967
1968	---	108 ON JUN 14	8.55 RB ON MAR 15	1 440 000	1968
1969	---	92.9 ON JUL 01	23.6 ON APR 11	1 370 000	1969
1970	---	103 ON NOV 05	11.7 ON APR 23	1 250 000	1970
1971	71.6 AT 08:00 CST ON MAY 17	71.6 ON MAY 17	7.16 ON OCT 16	907 000	1971
1972	---	104 ON MAY 01	11.0 B ON DEC 29	820 000	1972
1973	---	88.3 ON JUN 22	10.4 B ON JAN 16	1 070 000	1973
1974	---	202 ON JUN 08 *	13.4 B ON NOV 30	1 680 000	1974
1975	---	85.0 ON JUN 24	7.99 B ON DEC 10	974 000	1975
1976	---	64.6 ON APR 22	3.28 ON DEC 31	486 000	1976
1977	---	99.1A ON SEP 12	0.926A ON MAR 30	808 000	1977
1978	82.4 AT 15:10 CST ON JUN 27	81.0 ON JUN 27	10.7 ON NOV 22	1 160 000	1978
1979	95.5 AT 17:20 CST ON MAY 18	94.3 ON MAY 18	10.2 B ON JAN 11	1 080 000	1979
1980	57.6 AT 16:55 CST ON APR 29	57.2 ON APR 27	12.0 ON AUG 04	720 000	1980
1981	37.9 AT 13:30 CST ON JUN 30	37.4 ON JUN 30	2.27 ON AUG 02	434 000	1981
1982	100 AT 16:30 CST ON JUN 10	99.2 ON JUN 11	4.78 ON SEP 22	975 000	1982
1983	78.4 AT 17:33 CST ON JUL 06	78.1 ON JUL 06	4.63 ON OCT 21	534 000	1983
1984	92.4 AT 13:36 CST ON JUN 18	91.6 ON JUN 12	3.45 ON APR 26	766 000	1984
1985	102 AT 13:28 CST ON JUL 02 *	101 ON JUL 01	11.8 B ON FEB 22	1 290 000	1985
1986	89.7 AT 23:41 CST ON MAY 16	89.3 ON MAY 17	5.36 ON SEP 02	780 000	1986
1987	53.9 AT 11:30 CST ON APR 27	53.2 ON APR 27	0.434 ON SEP 29	391 000	1987
1988	---	18.3 ON NOV 22	3.15 ON AUG 23	297 000	1988
1989	77.6 AT 14:50 CST ON JUL 06	76.4 ON JUL 06	9.85 B ON MAR 25	760 000	1989
1990	---	106 E ON MAY 18	3.99 ON SEP 12	953 000	1990
				918 000	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX)
B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD
R - REVISED SINCE JAN 01 1989

CLARE RIVER NEAR BOGART - STATION NO. 02HL102

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1968	---	---	---	---	---	---	---	---	---	---	1.11	---	---	1968
1969	---	---	4.49	8.97	7.16	2.42	0.615	0.410	0.092	0.186	---	---	---	1969
1970	0.764	1.27	2.16	9.01	3.13	0.479	0.280	0.044	0.014	0.118	1.28	2.56	1.75	1970
1971	1.44	1.09	2.80	16.5	3.69	0.439	0.152	0.048	0.251	0.248	0.442	1.65	2.38	1971
1972	2.06	1.60	2.08	17.5	6.20	1.90	1.35	1.40	0.362	1.11	4.38	4.73	3.71	1972
1973	4.80	3.90	13.9	7.80	2.25	0.687	0.210	0.150	0.163	0.093	0.817	2.00	3.07	1973
1974	3.22	3.04	7.00	13.6	6.73	1.20	0.387	0.180	0.166	0.533	0.950	1.68	3.22	1974
1975	2.06	1.89	9.24	11.8	3.63	0.582	0.122	0.065	0.081	0.135	0.368	1.50	2.63	1975
1976	1.35	3.11	---	---	1.77	0.632	0.293	0.146	0.124	0.269	---	---	---	1976
1977	---	---	14.2	6.12	1.14	0.324	0.167	---	---	---	---	---	---	1977
MEAN	2.24	2.27	6.98	11.4	3.97	0.963	0.397	0.305	0.157	0.337	1.34	2.35	2.79	MEAN

LOCATION - LAT 44 28 57 N
LONG 077 13 10 W

DRAINAGE AREA, 160 km²
NATURAL FLOW

DATA CONTRIBUTED BY -
ONTARIO MINISTRY OF THE ENVIRONMENT

CLARE RIVER NEAR BOGART - STATION NO. 02HL102

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1968	---	---	---	---	1968
1969	---	15.0 ON MAY 22	---	---	1969
1970	16.4 AT 06:30 EST ON APR 12	16.3 ON APR 12	0.003 ON SEP 17 *	55 200	1970
1971	30.6E AT 19:00 EST ON APR 15	29.7E ON APR 15	0.003 ON AUG 10	75 100	1971
1972	30.9E AT 00:27 EST ON APR 20 *	30.6E ON APR 20	0.215 ON SEP 23	117 000	1972
1973	26.3 AT 03:00 EST ON MAR 20	25.9 ON MAR 20	0.045 ON OCT 13	96 800	1973
1974	29.2 AT 03:45 EST ON APR 07	28.3 ON APR 07	0.110 ON SEP 02	101 000	1974
1975	29.4 AT 23:48 EST ON APR 21	28.9 ON APR 22	0.059 ON AUG 20	82 800	1975
1976	---	---	0.071 ON AUG 28	---	1976
1977	---	43.9 ON MAR 16 *	---	---	1977
	E - ESTIMATED	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		88 000	MEAN

CLYDE RIVER AT GORDON RAPIDS - STATION NO. 02KF013

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1971	---	---	---	---	---	---	---	---	---	0.358	0.552	3.13	---	1971
1972	2.51	1.83	1.73	13.5	15.8	2.97	2.86	1.17	0.288	0.233	3.75	3.92	4.22	1972
1973	4.25	4.17	12.4	14.4	5.39	1.73	0.489	0.756	0.521	0.213	0.661	1.79	3.89	1973
1974	2.48	2.90	6.46	15.3	12.3	2.97	0.785	0.305	0.081	0.029	0.463	1.91	3.84	1974
1975	2.17	1.89	3.93	13.4	6.79	2.27	0.265	0.117	0.098	0.165	0.330	0.875	2.69	1975
1976	0.947	1.63	8.39	17.3	7.51	2.37	1.89	0.794	0.312	1.66	2.37	1.80	3.90	1976
1977	1.27	0.993	8.20	9.00	2.07	0.834	0.302	0.177	0.138	0.202	1.13	3.51	2.33	1977
1978	3.98	3.89	2.86	18.1	7.50	0.617	0.411	0.241	0.111	0.051	0.042	0.259	3.15	1978
1979	1.56	1.40	7.08	15.3	5.46	2.95	0.334	0.159	0.197	0.841	2.66	4.67	3.55	1979
1980	3.69	1.26	5.99	10.8	6.34	1.53	1.17	0.662	0.401	0.648	2.26	2.80	3.13	1980
1981	1.63	10.1	8.12	4.22	2.46	2.63	1.54	0.604	5.24	4.02	6.04	3.40	4.11	1981
1982	2.31	1.75	1.93	14.0	4.91	2.24	0.691	0.339	0.262	0.350	1.26	5.02	2.92	1982
1983	5.05	2.93	5.63	9.39	10.4	2.24	0.417	0.307	0.256	0.178	0.858	3.18	3.41	1983
1984	2.23	5.17	5.22	22.5	8.46	3.21	0.366	0.338	0.185	0.247	0.479	0.715	4.06	1984
1985	1.37	1.24	5.82	13.2	3.67	1.70	1.02	0.178	0.090	0.158	0.917	1.06	2.53	1985
1986	1.54	1.11	3.61	6.86	4.47	2.93	1.19	0.860	1.78	3.64	2.54	1.82	2.70	1986
1987	1.61	1.36	3.31	15.0	2.35	2.13	0.939	0.259	0.090	0.072	0.687	4.05	2.64	1987
1988	1.97	2.39	3.39	11.1	5.53	1.22	0.226	0.061	0.052	0.218	1.04	1.38	2.37	1988
1989	1.18	0.906	2.09	7.08	7.10	2.45	0.716	0.157	0.057	0.104	1.56	2.36	2.15	1989
1990	1.70	2.07	7.82	11.4	5.31	1.59	0.720	0.335	0.085	0.206	1.01	2.68	2.91	1990
MEAN	2.29	2.58	5.47	12.7	6.52	2.14	0.860	0.412	0.539	0.680	1.53	2.52	3.18	MEAN

LOCATION - LAT 45 08 04 N
LONG 076 37 52 W

DRAINAGE AREA, 280 km²
REGULATED

CLYDE RIVER AT GORDON RAPIDS - STATION NO. 02KF013

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1971	---	---	---	---	1971
1972	33.7 AT 13:05 EST ON MAY 04	33.4 ON MAY 04	0.153 ON OCT 21	133 000	1972
1973	30.0 AT 13:05 EST ON APR 05	29.7 ON APR 05	0.161 ON OCT 26	123 000	1973
1974	29.4 AT 15:41 EST ON APR 17	29.2 ON APR 17	0.022 ON OCT 29 *	121 000	1974
1975	33.1 AT 15:55 EST ON APR 22	32.3 ON APR 22	0.074 ON SEP 16	84 700	1975
1976	44.7 AT 23:10 EST ON APR 02 *	43.3 ON APR 02 *	0.266 ON SEP 24	123 000	1976
1977	19.7 AT 04:56 EST ON MAR 18	19.4 ON MAR 18	0.127 ON SEP 27	73 400	1977
1978	37.1 AT 13:00 EST ON APR 22	36.8 ON APR 22	0.031 ON NOV 15	99 300	1978
1979	25.8 AT 13:25 EST ON APR 06	25.5 ON APR 05	0.124 ON OCT 04	112 000	1979
1980	26.2 AT 01:13 EST ON MAR 23	24.7 ON MAR 23	0.340 ON OCT 01	99 100	1980
1981	41.7 AT 04:54 EST ON FEB 25	41.5 ON FEB 25	0.260E ON AUG 30	130 000	1981
1982	33.7 AT 15:20 EST ON APR 22	32.7 ON APR 22	0.215 ON SEP 27	92 100	1982
1983	18.6 AT 00:16 EST ON MAY 10	18.5 ON MAY 10	0.106E ON OCT 19	107 000	1983
1984	39.7 AT 01:09 EST ON APR 19	39.3 ON APR 18	0.057 ON OCT 01	128 000	1984
1985	17.4 AT 19:35 EST ON APR 07	17.0 ON APR 08	0.064 ON SEP 21	79 800	1985
1986	15.8 AT 08:53 EST ON APR 02	15.6 ON APR 02	0.480 ON SEP 07	85 100	1986
1987	40.8 AT 20:57 EST ON APR 06	40.3 ON APR 06	0.052 ON OCT 13	83 400	1987
1988	25.9A AT 07:00 EST ON APR 07	25.3A ON APR 05	0.033 ON SEP 30	75 100	1988
1989	15.5 AT 18:23 EST ON MAY 15	14.1 ON MAY 15	0.047 ON OCT 02	67 800	1989
1990	18.4 AT 02:52 EST ON MAR 20	17.6 ON MAR 19	0.050 ON SEP 26	91 700	1990
				100 000	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX) E - ESTIMATED * - EXTREME RECORDED FOR THE PERIOD OF RECORD

CLYDE RIVER NEAR LANARK - STATION NO. 02KF010

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1970	---	---	---	---	---	---	---	0.456	0.424	0.837	3.01	6.35	---	1970
1971	4.38	3.96	6.92	35.7	22.7	2.13	0.668	0.391	0.606	0.737	1.37	6.32	7.15	1971
1972	5.01	3.71	3.59	31.1	30.1	6.21	5.00	2.91	0.719	1.27	8.54	7.92	8.83	1972
1973	5.18	9.01	29.9	31.8	10.8	3.52	1.01	1.36	1.01	1.20	2.25	4.35	8.76	1973
1974	4.34	5.49	12.5	33.0	27.4	6.10	1.91	0.844	0.233	0.172	1.23	3.33	8.08	1974
1975	4.46	3.90	8.82	32.2	14.8	4.06	0.775	0.268	0.224	0.480	1.07	2.80	6.14	1975
1976	2.79	3.82	18.7	36.8	15.1	4.89	3.52	1.37	0.872	2.99	4.16	2.90	8.31	1976
1977	2.09	1.65	17.6	21.1	4.89	1.51	0.772	0.593	0.459	1.34	3.02	8.44	5.31	1977
1978	9.86	8.40	5.78	40.6	15.9	5.68	0.411	0.356	0.149	0.251	0.553	0.685	7.00	1978
1979	1.97	1.68	14.3	32.8	12.2	5.68	0.746	0.393	0.460	2.00	5.06	10.7	7.34	1979
1980	8.06	2.76	14.6	24.1	15.2	3.99	2.62	1.31	0.698	1.50	4.32	5.00	7.02	1980
1981	2.87	23.0	17.9	9.48	6.06	5.86	3.20	1.32	14.0	9.74	13.1	5.09	9.30	1981
1982	3.74	2.53	3.27	30.1	10.4	4.84	1.39	0.549	0.413	0.796	2.36	11.4	6.05	1982
1983	10.5	5.58	12.7	21.0	22.4	4.59	0.726	0.404	0.201	0.416	2.85	7.47	7.42	1983
1984	3.86	10.4	10.2	50.5	18.0	---	---	---	---	---	---	---	---	1984
1985	---	2.57	12.1	28.0	7.84	2.56	1.57	0.204	0.080	0.234	2.12	2.33	---	1985
1986	2.60	5.14	7.87	15.1	10.8	6.49	2.68	2.55	4.98	10.5	6.40	5.00	6.45	1986
1987	4.02	1.81	8.90	31.0	5.63	4.04	1.51	0.376	0.254	0.559	2.36	9.87	6.07	1987
1988	4.20	5.02	8.29	25.0	11.0	2.09	0.403	0.127	0.106	0.727	3.17	3.03	5.24	1988
1989	2.38	1.44	5.45	15.9	15.4	5.52	1.70	0.214	0.061	0.256	2.55	3.58	4.54	1989
1990	2.71	3.93	18.3	25.2	12.2	3.06	1.34	0.544	0.251	1.04	2.55	6.26	6.46	1990
MEAN	4.69	5.19	11.9	28.7	14.4	4.15	1.68	0.827	1.31	1.82	3.65	5.77	6.97	MEAN

LOCATION - LAT 45 02 46 N LONG 076 24 03 W DRAINAGE AREA, 614 km^2 REGULATED

REMARKS - STATION INOPERATIVE MAY 27 1984 - JAN 29 1985 DUE TO BRIDGE CONSTRUCTION ON SITE

CLYDE RIVER NEAR LANARK - STATION NO. 02KF010

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1970	---	---	---	---	1970
1971	71.9 AT 00:50 EST ON APR 24	70.8 ON APR 23	0.252 ON AUG 20	225 000	1971
1972	77.0B AT 20:13 EST ON APR 21	71.4 ON APR 22	0.419 ON SEP 30	279 000	1972
1973	---	72.5 ON APR 04	0.294 ON JUL 26	276 000	1973
1974	65.1 AT 06:35 EST ON APR 18	64.8 ON APR 18	0.142E ON NOV 02	255 000	1974
1975	76.5 AT 10:55 EST ON APR 22	75.3 ON APR 22	0.136E ON AUG 22	194 000	1975
1976	101 AT 01:06 EST ON APR 03	97.7 ON APR 03	0.374 ON SEP 17	263 000	1976
1977	---	39.9B ON MAR 18	0.170E ON SEP 02	167 000	1977
1978	81.0 AT 19:25 EST ON APR 22	79.0 ON APR 22	0.057E ON SEP 10	221 000	1978
1979	55.6 AT 14:06 EST ON APR 05	55.5 ON APR 05	0.368A ON AUG 16	231 000	1979
1980	---	61.5B ON MAR 23	0.424E ON SEP 22	222 000	1980
1981	104 AT 00:01 EST ON FEB 26 *	99.7B ON FEB 25 *	0.758 ON AUG 30	293 000	1981
1982	72.6 AT 16:49 EST ON APR 22	71.2 ON APR 22	0.300E ON SEP 28	191 000	1982
1983	41.2 AT 16:47 EST ON MAY 10	40.7 ON MAY 10	0.136E ON SEP 16	234 000	1983
1984	88.8 AT 04:52 EST ON APR 19	87.8 ON APR 19	---	---	1984
1985	---	38.1E ON APR 09	0.057E ON SEP 22	---	1985
1986	36.1 AT 12:02 EST ON APR 02	36.0 ON APR 02	1.20 ON SEP 10	203 000	1986
1987	93.1 AT 01:33 EST ON APR 07	90.9 ON APR 07	0.112E ON AUG 28	191 000	1987
1988	53.1 AT 03:12 EST ON APR 06	52.5 ON APR 06	0.020E ON SEP 30 *	166 000	1988
1989	---	32.0B ON MAR 30	0.049E ON SEP 22	143 000	1989
1990	---	45.2B ON MAR 19	0.119E ON SEP 19	204 000	1990
				220 000	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX) B - ICE CONDITIONS E - ESTIMATED * - EXTREME RECORDED FOR THE PERIOD OF RECORD

COLD CREEK AT ORLAND - STATION NO. 02HK007

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1981	---	---	---	---	---	---	---	---	---	1.58	1.58	1.35	---	1981
1982	1.47	0.992	3.06	6.37	2.14	1.88	1.03	1.16	1.08	1.23	2.93	2.43	2.06	1982
1983	2.08	3.91	2.75	2.97	2.82	1.17	0.765	0.980	1.15	1.87	2.28	2.41	2.17	1983
1984	1.37	3.85	2.89	5.01	2.96	1.95	1.42	1.17	1.17	1.12	1.61	1.85	2.19	1984
1985	1.13	2.83	5.44	3.36	1.67	1.66	1.22	1.05	1.30	1.30	3.43	2.06	2.20	1985
1986	2.33	1.57	4.60	2.77	2.11	1.53	1.21	1.51	2.57	2.40	2.09	3.21	2.33	1986
1987	1.79	1.52	4.68	4.34	1.53	1.51	1.29	0.945	1.30	1.26	1.83	2.29	2.04	1987
1988	1.42	1.56	4.35	2.50	1.49	0.805	0.789	0.714	0.868	1.21	1.54	1.14	1.53	1988
1989	1.84	1.37	3.36	2.03	2.24	1.77	0.734	0.714	0.994	1.42	2.83	1.08	1.70	1989
1990	3.09	2.94	5.44	3.58	2.82	1.62	1.47	1.12	0.812	1.65	1.51	3.59	2.47	1990
MEAN	1.84	2.28	4.06	3.68	2.20	1.54	1.10	1.04	1.25	1.50	2.06	2.24	2.08	MEAN

LOCATION - LAT 44 08 04 N DRAINAGE AREA, 159 km²
LONG 077 47 17 W NATURAL FLOW

COLD CREEK AT ORLAND - STATION NO. 02HK007

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1981	---	---	---	---	1981
1982	20.2 AT 08:16 EST ON APR 01	19.2 ON APR 01	0.857 ON SEP 11	65 100	1982
1983	24.0 AT 07:32 EST ON FEB 03	20.5 ON FEB 03	0.573 ON JUL 28	68 400	1983
1984	19.5 AT 17:13 EST ON APR 05	16.7 ON APR 06	0.976 ON SEP 23	69 100	1984
1985	19.6 AT 19:06 EST ON MAR 12	15.9 ON MAR 13	0.520 ON AUG 13	69 200	1985
1986	---	18.6B ON MAR 20	0.856 ON JUL 11	73 600	1986
1987	17.9 AT 07:04 EST ON APR 05	16.4 ON APR 05	0.607 ON AUG 25	64 400	1987
1988	20.7 AT 06:00 EST ON MAR 26	25.1 ON MAR 26	0.522 ON JUL 10	48 500	1988
1989	22.5B AT 21:24 EST ON MAR 15	15.8 ON MAR 28	0.486 ON AUG 19 *	53 600	1989
1990	40.5 AT 11:35 EST ON MAR 12 *	30.2 ON MAR 12 *	0.656 ON SEP 04	78 000	1990
	B - ICE CONDITIONS	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		65 500	MEAN

COLD CREEK NEAR BOLTON - STATION NO. 02HC023

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1962	---	---	---	---	---	---	---	---	---	0.262	0.388	0.295	---	1962
1963	0.226	0.190	1.22	0.395	0.573	0.322	0.202	0.243	0.269	0.197	0.261	0.264	0.365	1963
1964	0.308	0.233	0.698	0.565	0.311	0.207	0.206	0.319	0.209	0.230	0.243	0.357	0.325	1964
1965	0.257	1.14	0.774	1.52	0.316	0.185	0.191	0.190	0.197	0.256	0.318	0.388	0.471	1965
1966	0.302	0.328	0.966	0.323	0.324	0.285	0.174	0.152	0.174	0.182	0.250	0.326	0.316	1966
1967	0.301	0.279	0.980	0.876	0.305	0.361	0.512	0.292	0.271	0.378	0.481	0.617	0.472	1967
1968	0.292	0.833	2.48	0.514	0.350	0.294	0.212	0.222	0.244	0.254	0.512	0.568	0.565	1968
1969	0.804	0.399	1.55	1.16	0.551	0.227	0.236	0.254	0.213	0.316	0.353	0.284	0.528	1969
1970	0.201	0.234	0.656	1.14	0.310	0.226	0.247	0.195	0.192	0.230	0.303	0.298	0.352	1970
1971	0.240	0.293	0.605	1.37	0.270	0.223	0.257	0.222	0.229	0.188	0.213	0.259	0.363	1971
1972	0.289	0.179	0.351	2.67	0.319	0.318	0.249	0.230	0.203	0.274	0.327	0.379	0.479	1972
1973	0.666	0.605	1.99	0.858	0.515	0.309	0.247	0.266	0.234	0.309	0.409	0.303	0.560	1973
1974	0.528	0.445	1.70	0.889	0.562	0.263	0.215	0.213	0.225	0.276	0.324	0.261	0.493	1974
1975	0.309	1.06	1.33	1.15	0.384	0.232	0.213	0.190	0.152	0.168	0.252	0.236	0.469	1975
1976	0.244	0.884	1.68	0.585	0.479	0.282	0.335	0.281	0.250	0.321	0.294	0.231	0.488	1976
1977	0.169	0.283	1.41	0.467	0.250	0.222	0.219	0.279	0.337	0.540	0.436	0.486	0.426	1977
1978	0.447	0.233	0.883	2.43	0.773	0.329	0.244	0.292	0.330	0.429	0.538	0.523	0.621	1978
1979	0.412	0.291	2.30	0.960	0.528	0.277	0.247	0.262	0.255	0.469	0.562	0.711	0.610	1979
1980	0.439	0.216	1.16	1.06	0.374	0.309	0.555	0.270	0.280	0.345	0.350	0.454	0.485	1980
1981	0.231	1.93	0.464	0.403	0.425	0.290	0.483	0.255	0.310	0.437	0.574	0.338	0.503	1981
1982	0.354	0.307	2.42	1.16	0.377	0.439	0.248	0.264	0.306	0.320	0.565	1.00	0.645	1982
1983	0.504	0.654	0.618	0.736	0.673	0.287	0.241	0.239	0.239	0.286	0.367	0.408	0.436	1983
1984	0.217	1.40	1.29	0.816	0.454	0.288	0.270	0.247	0.286	0.297	0.356	0.407	0.524	1984
1985	0.313	1.13	1.70	1.09	0.334	0.324	0.261	0.282	0.267	0.277	0.616	0.428	0.580	1985
1986	0.347	0.271	1.95	0.462	0.429	0.274	0.258	0.693	1.34	0.781	0.459	0.514	0.652	1986
1987	0.380	0.304	1.48	1.18	0.299	0.285	0.271	0.243	0.256	0.290	0.368	0.451	0.485	1987
1988	0.373	0.346	0.988	0.485	0.292	0.227	0.207	0.219	0.251	0.287	0.326	0.259	0.355	1988
1989	0.387	0.256	0.823	0.398	0.417	0.327	0.211	0.238	0.258	0.259	0.326	0.228	0.345	1989
1990	0.540	0.824	1.55	0.493	0.369	0.240	0.215	0.218	0.217	0.339	0.302	0.498	0.483	1990
MEAN	0.361	0.555	1.29	0.934	0.411	0.280	0.265	0.259	0.286	0.317	0.382	0.406	0.478	MEAN

LOCATION - LAT 43 53 25 N DRAINAGE AREA, 62.2 km²
LONG 079 43 12 W NATURAL FLOW

COLD CREEK NEAR BOLTON - STATION NO. 02HC023

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1962	---	---	---	---	1962
1963	9.00 AT 20:30 EST ON MAR 24	5.55 ON MAR 25	0.144 ON JUL 03	11 500	1963
1964	5.47 AT 09:20 EST ON MAR 05	3.43 ON MAR 05	0.099 ON JUL 07	10 300	1964
1965	20.5 B AT 17:30 EST ON FEB 10	12.6 B ON FEB 10	0.122B ON JAN 20	14 900	1965
1966	6.85 AT 17:00 EST ON MAR 13	2.55B ON MAR 01	0.127 ON AUG 20	9 970	1966
1967	7.73 AT 14:00 EST ON JUL 11	4.16 ON APR 03	0.170B ON JAN 01	14 900	1967
1968	11.8 AT 16:30 EST ON FEB 02	7.05 ON FEB 02	0.167 ON AUG 18	17 900	1968
1969	15.7 AT 00:19 EST ON MAR 21	8.86 ON MAR 21	0.178E ON JUN 26	16 700	1969
1970	5.10 AT 23:07 EST ON APR 08	4.11 ON APR 09	0.156 ON AUG 11	11 100	1970
1971	7.14 AT 20:24 EST ON APR 02	6.23 ON APR 02	0.164 ON AUG 09	11 500	1971
1972	17.2 AT 22:42 EST ON APR 13	12.7 ON APR 13	0.153B ON FEB 19	15 200	1972
1973	11.1 AT 15:11 EST ON MAR 11	5.01 ON MAR 11	0.161B ON DEC 17	17 700	1973
1974	26.2 AT 03:00 EST ON MAR 05 *	15.9 ON MAR 05 *	0.193B ON JAN 18	15 500	1974
1975	26.1 AT 20:23 EST ON FEB 24	12.4 ON FEB 24	0.105 ON AUG 28	14 800	1975
1976	17.5 AT 17:13 EST ON MAR 20	10.4 ON MAR 20	0.190 ON SEP 14	15 400	1976
1977	9.85 AT 20:26 EST ON MAR 04	4.98 ON MAR 09	0.161B ON JAN 27	13 400	1977
1978	13.9 AT 19:04 EST ON APR 01	8.98 ON APR 01	0.198B ON FEB 22	19 600	1978
1979	16.2 AT 20:36 EST ON MAR 04	7.91 ON MAR 05	0.096 ON FEB 27 *	19 200	1979
1980	16.8 AT 13:29 EST ON MAR 21	9.92 ON MAR 21	0.193B ON FEB 03	15 400	1980
1981	15.9 AT 20:12 EST ON FEB 18	9.12 ON FEB 18	0.199 ON AUG 25	15 900	1981
1982	---	15.2 B ON MAR 31	0.215 ON JUL 24	20 300	1982
1983	5.89 AT 10:21 EST ON FEB 03	4.39 ON FEB 03	0.207 ON SEP 12	13 800	1983
1984	17.5 AT 08:02 EST ON FEB 14	11.6 ON FEB 14	0.170B ON JAN 24	16 600	1984
1985	---	10.2 B ON FEB 24	0.217 ON AUG 04	18 300	1985
1986	19.4 AT 14:53 EST ON MAR 19	13.7 ON MAR 19	0.174 ON JUL 10	20 500	1986
1987	13.0 AT 19:42 EST ON MAR 08	8.58 ON APR 05	0.210 ON AUG 15	15 300	1987
1988	6.87 AT 23:28 EST ON MAR 23	3.84 ON MAR 24	0.195 ON JUL 10	11 200	1988
1989	9.41 AT 19:19 EST ON MAR 25	4.25 ON MAR 25	0.195E ON JUL 22	10 900	1989
1990	20.9 AT 04:08 EST ON MAR 12	15.1 ON MAR 12	0.180 ON SEP 10	15 200	1990
				15 100	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

COLDWATER RIVER AT COLDWATER - STATION NO. 02ED007

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1965	---	---	---	---	---	---	---	0.965	1.15	2.16	2.71	3.28	---	1965
1966	1.56	1.99	3.60	2.03	1.58	1.56	0.817	0.889	0.856	1.25	1.98	2.80	1.74	1966
1967	2.00	1.45	3.14	4.19	2.79	4.41	2.58	1.48	1.54	2.39	3.75	3.48	2.68	1967
1968	1.87	3.05	4.41	3.11	2.08	1.37	1.10	1.13	1.28	1.32	2.19	2.80	2.14	1968
1969	2.06	1.61	3.43	5.91	4.21	1.71	1.00	0.875	1.07	1.69	2.42	1.61	2.30	1969
1970	1.64	1.35	2.22	6.98	1.93	1.24	2.17	1.22	1.87	2.43	2.29	1.97	2.27	1970
1971	1.30	1.66	2.65	7.09	1.87	1.41	1.29	1.22	1.18	1.25	1.41	2.05	2.03	1971
1972	1.54	1.45	1.78	8.45	2.86	1.45	1.32	1.14	0.854	1.41	2.08	2.28	2.21	1972
1973	2.50	1.64	6.80	3.06	2.17	1.50	1.03	1.20	1.02	1.43	3.24	1.87	2.29	1973
1974	2.12	1.34	3.77	5.32	3.26	1.52	1.84	1.32	1.28	1.75	2.54	1.64	2.31	1974
1975	2.04	2.02	2.79	6.45	2.05	1.25	1.12	1.25	1.48	1.27	1.40	1.85	2.08	1975
1976	1.40	2.36	6.56	2.83	2.01	1.28	1.68	1.83	2.75	2.31	5.52	1.65	2.43	1976
1977	1.37	1.41	6.20	2.64	1.36	1.22	1.15	1.37	1.79	2.47	3.17	2.41	2.22	1977
1978	1.87	1.40	1.82	6.39	2.72	1.53	1.10	1.12	1.37	1.70	1.81	1.52	2.03	1978
1979	1.63	1.47	6.60	4.47	2.36	1.30	1.24	1.24	1.15	2.29	2.89	4.10	2.57	1979
1980	1.81	1.13	5.06	4.76	1.90	2.38	1.76	1.80	1.89	3.07	2.68	2.89	2.60	1980
1981	1.37	5.83	2.92	2.73	2.74	2.10	1.33	1.70	2.17	2.94	2.99	1.98	2.54	1981
1982	1.56	1.27	1.82	8.00	1.87	2.11	1.17	1.42	1.44	1.51	2.85	4.27	2.44	1982
1983	2.62	2.68	3.60	3.71	2.95	1.60	1.12	1.14	1.28	1.63	2.39	1.87	2.21	1983
1984	1.47	3.57	3.43	3.51	2.23	1.29	1.26	1.10	1.43	1.41	2.13	3.25	2.17	1984
1985	1.71	3.29	5.63	5.40	1.98	1.38	1.30	1.76	3.20	2.75	3.58	2.15	2.84	1985
1986	1.84	1.39	5.54	3.25	1.90	1.52	1.69	1.41	3.56	3.20	2.38	2.36	2.51	1986
1987	1.54	1.02	5.51	3.99	1.65	1.33	1.24	1.01	1.10	1.51	2.13	2.72	2.07	1987
1988	2.04	2.73	4.05	3.69	1.74	0.999	0.908	1.04	1.29	1.59	2.47	1.89	2.03	1988
1989	2.50	1.59	5.51	3.43	2.70	1.80	0.933	1.10	1.42	1.81	3.16	1.33	2.28	1989
1990	3.49	2.54	5.28	3.67	2.39	1.38	1.21	1.05	1.17	1.70	2.69	2.90	2.46	1990
MEAN	1.88	2.05	4.16	4.60	2.25	1.63	1.33	1.26	1.56	1.93	2.53	2.42	2.30	MEAN

LOCATION - LAT 44 42 25 N
LONG 079 38 37 W
DRAINAGE AREA, 177 km²
NATURAL FLOW

COLDWATER RIVER AT COLDWATER - STATION NO. 02ED007

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1965	---	---	---	---	1965
1966	29.4 AT 19:30 EST ON DEC 07	17.6 ON DEC 07	0.674 ON JUL 18 *	54 900	1966
1967	30.6 AT 19:45 EST ON JUN 22	16.0 ON APR 01	0.906B ON JAN 22	84 600	1967
1968	30.9 AT 07:00 EST ON APR 01	19.5 ON APR 01	0.985 ON AUG 16	67 600	1968
1969	37.4 AT 08:09 EST ON MAY 10	23.4 ON MAY 10	0.750 ON AUG 13	72 500	1969
1970	30.9 AT 00:30 EST ON APR 15	18.7 ON APR 14	1.01 ON AUG 27	71 700	1970
1971	23.4E AT 19:38 EST ON APR 13	21.6 E ON APR 13	0.960E ON AUG 21	63 900	1971
1972	41.6 AT 01:30 EST ON APR 19	29.2 ON APR 19	0.714E ON SEP 14	69 900	1972
1973	30.3 AT 01:48 EST ON MAR 08	21.2 ON MAR 12	0.810 ON JUL 24	72 300	1973
1974	30.6 AT 11:02 EST ON APR 04	26.2 ON APR 04	1.05 ON AUG 16	72 900	1974
1975	56.6 AT 17:15 EST ON APR 19 *	45.9 ON APR 19 *	0.889 ON JUL 18	65 500	1975
1976	34.3 AT 12:50 EST ON MAR 21	26.3 ON MAR 21	0.974 ON JUL 28	77 000	1976
1977	47.0B AT 20:58 EST ON MAR 13	28.3 B ON MAR 13	0.889 ON JUL 23	70 000	1977
1978	17.4 AT 22:06 EST ON APR 11	12.6 ON APR 12	0.949 ON JUL 12	64 100	1978
1979	26.0 AT 11:12 EST ON MAR 25	23.1 ON MAR 24	0.890 ON JUL 23	81 100	1979
1980	---	31.0 B ON MAR 21	0.995 ON JUL 19	82 100	1980
1981	30.9 AT 11:00 EST ON FEB 23	29.2 ON FEB 23	1.07 ON JUL 25	80 100	1981
1982	24.7E AT 06:00 EST ON APR 01	24.7 A ON APR 01	0.929 ON AUG 18	76 900	1982
1983	11.1 AT 17:38 EST ON JAN 11	9.60 ON JAN 11	0.904 ON SEP 12	69 800	1983
1984	26.2 AT 11:49 EST ON DEC 29	20.6 ON DEC 29	0.904 ON AUG 17	68 500	1984
1985	30.8 AT 05:59 EST ON SEP 06	25.6 ON SEP 06	0.963 ON AUG 05	89 400	1985
1986	22.0 AT 09:19 EST ON SEP 12	17.4 ON SEP 12	0.940B ON JAN 15	79 200	1986
1987	18.0 AT 18:19 EST ON MAR 26	16.5 ON MAR 26	0.853 ON AUG 21	65 300	1987
1988	18.5 AT 04:35 EST ON MAR 27	14.6 ON MAR 26	0.740B ON JAN 14	64 200	1988
1989	45.6 AT 04:51 EST ON MAR 29	34.6 ON MAR 29	0.847 ON JUL 31	71 900	1989
1990	24.8 AT 00:03 EST ON MAR 14	20.3 ON MAR 14	0.898 ON SEP 02	77 500	1990
				72 500	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX)
B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

COLLINS CREEK NEAR KINGSTON - STATION NO. 02HM005

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1970	0.278	1.01	6.53	8.39	1.46	0.186	1.36	0.184	0.133	0.692	3.61	2.66	2.21	1970
1971	1.46	1.19	2.84	12.6	1.69	0.243	0.040	0.004	0.034	0.278	0.774	3.40	2.02	1971
1972	1.23	0.922	2.87	14.9	2.82	3.03	0.894	1.27	0.344	3.84	5.65	4.72	3.53	1972
1973	4.58	3.30	7.90	6.17	2.00	0.823	0.119	0.090	0.110	0.547	2.53	3.52	2.64	1973
1974	4.71	2.58	5.38	8.10	2.81	0.448	0.093	0.015	0.002	0.059	1.02	2.79	2.33	1974
1975	3.25	1.92	8.36	5.95	1.20	1.53	0.055	0.002	0.451	0.670	1.47	4.85	2.48	1975
1976	1.28	4.74	13.4	4.82	3.28	0.661	0.630	0.242	0.210	0.883	1.16	1.07	2.70	1976
1977	0.689	0.857	13.0	4.20	1.44	0.092	0.003	0.164	0.665	3.16	4.19	4.20	2.74	1977
1978	4.02	2.31	4.95	13.4	1.85	0.226	0.003	0	0.130	0.225	1.96	2.34	2.61	1978
1979	2.20	1.88	10.8	6.75	2.47	0.617	0.044	0.001	2.02	2.60	3.60	4.39	3.12	1979
1980	1.60	0.538	7.49	7.60	3.03	0.361	0.184	0.480	0.374	1.91	2.69	5.09	2.62	1980
1981	0.695	11.4	3.21	2.30	1.58	1.57	0.466	0.511	6.21	2.74	3.21	1.10	2.84	1981
1982	1.62	0.516	6.55	8.60	1.55	3.11	0.504	0.176	0.257	0.746	3.56	4.60	2.65	1982
1983	2.39	3.18	3.24	5.73	4.58	0.499	0.039	0.038	0.021	0.366	4.53	5.02	2.55	1983
1984	0.949	6.82	3.41	8.30	2.65	0.546	0.106	0.911	0.392	0.099	0.905	2.59	2.28	1984
1985	1.43	4.20	8.74	4.78	0.779	0.439	0.119	0.026	0.475	0.634	3.94	1.43	2.23	1985
1986	3.09	1.17	7.51	3.29	1.67	1.81	0.354	0.773	3.64	4.77	3.20	5.14	3.05	1986
1987	1.64	0.614	6.42	6.50	0.713	0.311	0.059	0.005	0.113	0.967	4.08	7.24	2.40	1987
1988	1.59	1.89	6.27	4.38	0.960	0.128	0.006	0.006	0.006	0.426	2.37	0.775	1.56	1988
1989	0.792	0.964	4.70	5.26	2.49	0.705	0.153	0.011	0.026	0.038	4.24	0.991	1.69	1989
1990	3.73	4.37	7.32	5.56	3.06	0.597	0.048	0.014	0.003	1.17	1.93	8.17	3.00	1990
MEAN	2.05	2.68	6.70	7.03	2.10	0.854	0.251	0.234	0.744	1.28	2.89	3.67	2.54	MEAN

LOCATION - LAT 44 15 24 N
LONG 076 36 46 W
DRAINAGE AREA, 155 km^2
NATURAL FLOW

COLLINS CREEK NEAR KINGSTON - STATION NO. 02HM005

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1970	23.6 AT 21:18 EST ON MAR 27	21.9 CN MAR 27	0.051 ON AUG 29	69 600	1970
1971	26.8 AT 18:18 EST ON APR 10	25.5 CN APR 10	0 ON AUG 06 *	63 600	1971
1972	32.3 AT 05:22 EST ON APR 14	30.9 CN APR 14	0.241 ON SEP 23	112 000	1972
1973	23.9 AT 13:30 EST ON APR 03	22.4 CN APR 03	0 ON AUG 31	83 100	1973
1974	36.8 AT 01:00 EST ON APR 05	29.7 ON APR 04	0.001 ON AUG 25	73 500	1974
1975	---	29.7B ON MAR 20	0 ON AUG 21	78 300	1975
1976	33.4 AT 00:01 EST ON MAY 26	31.1B ON MAR 22	0.099 ON AUG 27	85 300	1976
1977	---	39.4 ON MAR 14	0.001 ON JUL 16	86 500	1977
1978	---	28.6B ON APR 02	0 ON JUL 20	82 300	1978
1979	---	30.0B ON MAR 06	0.001 ON AUG 05	98 500	1979
1980	64.6 AT 05:19 EST ON MAR 22 *	57.5 ON MAR 22 *	0.015 ON JUL 27	82 900	1980
1981	---	51.0B ON FEB 20	0.122 ON AUG 03	89 600	1981
1982	33.2 AT 15:08 EST ON APR 01	30.8 ON APR 01	0.037 ON AUG 22	83 600	1982
1983	20.9 AT 16:32 EST ON DEC 15	20.7 ON DEC 15	0.005 ON JUL 27	80 300	1983
1984	---	33.9B ON FEB 15	0.012 ON AUG 06	72 100	1984
1985	---	29.0B ON FEB 26	0.007 ON AUG 22	70 400	1985
1986	---	32.9B ON MAR 20	0.245 ON AUG 06	96 200	1986
1987	35.3 AT 22:10 EST ON NOV 30	29.7 ON DEC 01	0.003 ON AUG 16	75 700	1987
1988	29.8 AT 21:48 EST ON MAR 26	25.5 ON MAR 26	0.003 ON AUG 02	49 400	1988
1989	21.3 AT 10:30 EST ON MAR 29	20.2 ON MAR 29	0 ON OCT 06	53 400	1989
1990	23.6 AT 19:35 EST ON DEC 30	21.0 ON DEC 24	0 ON AUG 10	94 500	1990
	B - ICE CONDITIONS	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		80 000	MEAN

COMMANDA CREEK NEAR COMMANDA - STATION NO. 02DD015

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1974	---	---	---	---	---	---	---	---	---	---	2.90	1.35	---	1974
1975	1.80	1.32	1.17	5.26	3.76	1.06	0.319	0.113	0.514	0.761	1.67	4.74	1.88	1975
1976	0.920	0.822	4.99	5.44	2.21	0.829	1.02	0.300	0.466	0.522	0.806	0.935	1.69	1976
1977	0.437	0.448	4.58	5.86	0.839	0.355	0.152	0.324	0.908	1.96	2.46	1.50	1.65	1977
1978	0.862	0.537	0.475	4.74	1.34	0.837	0.199	0.423	0.834	1.79	1.43	1.37	1.40	1978
1979	0.780	0.564	3.82	7.34	2.71	1.12	0.438	0.646	0.321	1.78	2.37	1.19	1.92	1979
1980	1.02	0.430	1.83	7.72	1.63	2.19	1.24	0.985	1.43	2.92	2.17	1.08	2.05	1980
1981	0.644	2.63	2.54	6.31	2.56	2.00	0.674	0.440	1.78	1.59	1.26	1.27	2.05	1981
1982	0.719	0.603	0.947	6.79	1.66	0.818	0.281	0.136	0.961	1.92	3.16	4.24	1.79	1982
1983	1.38	0.549	3.02	2.87	4.75	1.47	0.252	0.197	0.485	0.980	5.40	1.55	1.67	1983
1984	0.694	1.73	1.58	6.02	2.34	3.05	2.03	0.368	0.768	1.25	3.63	1.93	2.11	1984
1985	1.24	0.912	1.76	8.74	2.17	0.832	1.51	0.782	0.439	1.27	2.15	1.45	1.93	1985
1986	0.725	0.535	2.26	6.91	2.19	1.46	0.604	0.407	0.533	1.52	1.16	0.969	1.60	1986
1987	0.608	0.400	2.17	4.34	0.875	0.741	0.190	0.326	0.303	0.704	1.21	1.73	1.13	1987
1988	0.697	1.15	1.33	6.81	1.99	0.220	0.068	0.256	0.240	2.04	2.79	1.29	1.57	1988
1989	0.774	0.544	2.57	5.08	3.31	1.23	0.236	0.097	0.125	0.215	1.19	0.694	1.34	1989
1990	1.51	0.966	3.54	4.82	3.60	1.03	0.483	0.443	1.08	3.15	4.21	2.59	2.29	1990
MEAN	0.926	0.884	2.41	6.00	2.50	1.20	0.606	0.390	0.699	1.59	2.13	1.76	1.75	MEAN

LOCATION - LAT 45 56 55 N DRAINAGE AREA, 106 km^2
LONG 079 36 24 W NATURAL FLOW

COMMANDA CREEK NEAR COMMANDA - STATION NO. 02DD015

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1974	---	---	---	---	1974
1975	13.1 AT 07:00 EST ON APR 26	12.7 ON APR 25	0.059 ON AUG 19	59 100	1975
1976	---	17.6 B ON APR 01	0.170 ON AUG 31	53 400	1976
1977	15.1 AT 03:02 EST ON MAR 31	14.5 ON MAR 31	0.034 ON JUL 30	52 100	1977
1978	13.1 AT 06:38 EST ON APR 27	12.8 ON APR 27	0.071E ON AUG 15	44 200	1978
1979	13.2 AT 16:50 EST ON MAR 25	12.7 ON MAR 25	0.110 ON JUL 22	60 700	1979
1980	22.8 AT 01:25 EST ON APR 10	21.9 ON APR 10	0.305B ON MAR 09	64 800	1980
1981	16.7 AT 09:19 EST ON APR 05	16.2 ON APR 05	0.168 ON AUG 22	64 500	1981
1982	26.5 AT 01:23 EST ON APR 18 *	24.3 ON APR 18	0.061 ON AUG 17	56 300	1982
1983	15.7 AT 14:52 EST ON MAY 08	14.6 ON MAY 08	0.111 ON SEP 07	52 600	1983
1984	10.5 AT 21:46 EST ON APR 06	9.80 ON APR 17	0.174 ON AUG 22	66 600	1984
1985	---	25.6 A ON APR 23 *	0.233 ON SEP 22	61 000	1985
1986	---	18.1 E ON APR 02	0.159 ON AUG 29	50 300	1986
1987	13.8 AT 19:44 EST ON MAR 30	12.2 ON MAR 31	0.099 ON AUG 02	35 700	1987
1988	18.3 AT 01:45 EST ON APR 05	15.6 ON APR 05	0.030 ON AUG 03 *	49 500	1988
1989	---	12.0 B ON MAR 30	0.046 ON AUG 31	42 200	1989
1990	18.0 AT 01:40 EST ON NOV 29	17.0 ON NOV 29	0.066 ON SEP 05	72 200	1990
	A - MANUAL GAUGE (SEE REFERENCE INDEX) B - ICE CONDITIONS E - ESTIMATED	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		55 300	MEAN

CONESTOGO RIVER ABOVE DRAYTON - STATION NO. 02GA039

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1973	6.07	1.82	21.0	3.77	4.37	1.38	0.161	0.071	0.011	0.039	2.51	2.02	3.63	1973
1974	4.90	1.45	12.5	11.8	10.1	0.336	0.054	0.034	0.031	0.092	0.943	0.332	3.57	1974
1975	2.92	1.54	7.38	20.7	1.25	0.526	0.176	0.416	1.24	0.547	1.53	4.72	3.57	1975
1976	0.601	4.86	23.5	5.53	3.44	0.523	3.10	0.282	1.21	3.41	3.82	0.719	4.26	1976
1977	0.335	0.316	20.2	3.55	0.258	0.135	0.412	4.45	4.67	5.92	4.49	3.41	4.05	1977
1978	0.948	0.409	2.59	23.7	3.10	0.376	0.056	0.057	0.558	1.06	1.34	1.42	2.95	1978
1979	1.40	0.276	22.2	11.9	2.17	0.248	0.070	0.042	0.042	0.232	4.10	7.92	4.24	1979
1980	1.95	0.291	10.1	7.92	1.21	0.472	0.153	0.121	0.181	1.77	1.80	3.36	2.46	1980
1981	0.414	14.5	3.24	2.26	1.64	0.554	0.265	0.428	2.89	6.25	4.06	1.72	3.10	1981
1982	0.625	0.269	7.47	15.7	0.668	1.83	0.254	0.230	0.731	0.795	10.8	10.5	4.15	1982
1983	1.61	3.34	5.21	5.74	7.15	0.707	0.074	0.292	0.938	1.82	3.42	3.61	2.82	1983
1984	0.364	14.5	9.91	5.83	1.31	1.74	0.198	0.061	0.409	0.318	3.32	9.09	3.88	1984
1985	1.29	7.33	15.9	13.9	1.40	1.02	0.082	0.458	1.12	1.61	8.18	2.71	4.55	1985
1986	1.86	0.746	13.1	3.27	3.51	1.17	0.619	1.72	15.2	7.88	2.21	1.95	4.45	1986
1987	1.46	0.605	13.6	5.34	0.291	0.131	1.37	0.148	0.063	0.731	5.04	5.56	2.87	1987
1988	2.85	3.36	8.19	4.87	1.94	0.111	0.082	0.088	0.120	1.54	5.99	1.82	2.57	1988
1989	3.29	1.95	9.65	6.12	1.78	2.69	0.073	0.112	0.274	0.796	9.23	0.896	3.06	1989
1990	4.94	5.09	12.1	3.33	2.41	0.771	0.220	0.121	0.281	6.08	9.70	8.59	4.48	1990
MEAN	2.10	3.48	12.1	8.62	2.67	0.818	0.412	0.507	1.66	2.27	4.58	3.91	3.59	MEAN

LOCATION - LAT 43 46 58 N LONG 080 38 20 W
DRAINAGE AREA, 272 km²
REGULATED SINCE 1982

CONESTOGO RIVER ABOVE DRAYTON - STATION NO. 02GA039

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1973	129 AT 18:06 EST ON MAR 11	88.1 ON MAR 07	0.005 ON SEP 09	115 000	1973
1974	294 AT 00:13 EST ON MAY 17	122 ON MAY 17	0.013 ON AUG 22	113 000	1974
1975	388 AT 03:15 EST ON APR 19 *	238 ON APR 19 *	0.045 ON JUL 06	113 000	1975
1976	306 AT 03:59 EST ON MAR 21	188 ON MAR 21	0.099 ON AUG 27	135 000	1976
1977	256 AT 03:33 EST ON MAR 13	214 ON MAR 13	0.040 ON JUN 23	128 000	1977
1978	125 AT 20:46 EST ON APR 11	99.1 ON APR 11	0.031 ON SEP 06	93 200	1978
1979	176 AT 03:59 EST ON APR 14	153 ON APR 14	0.020 ON JUL 23	134 000	1979
1980	185 AT 14:33 EST ON MAR 21	112 ON MAR 21	0.038 ON AUG 27	77 600	1980
1981	131 AT 17:10 EST ON FEB 23	98.0 ON FEB 23	0.026 ON AUG 10	97 900	1981
1982	238 AT 20:40 EST ON MAR 31	110 B ON MAR 31	0.053 ON AUG 20	131 000	1982
1983	58.1 AT 05:12 EST ON MAY 20	35.3 ON MAY 20	0 ON JUN 26 *	89 100	1983
1984	140 AT 15:49 EST ON DEC 29	107 ON DEC 29	0.021 ON AUG 21	123 000	1984
1985	167 AT 18:44 EST ON APR 05	115 ON MAR 28	0 ON JUN 28	143 000	1985
1986	104 AT 00:02 EST ON SEP 12	79.6 ON SEP 11	0.056 ON JUL 13	140 000	1986
1987	74.4 AT 23:32 EST ON MAR 23	50.1 ON APR 05	0 ON JUN 16	90 500	1987
1988	101 AT 00:36 EST ON FEB 01	50.5 ON MAR 25	0.035 ON JUL 12	81 400	1988
1989	117 B AT 12:00 EST ON MAR 15	65.0B ON MAR 15	0.024 ON AUG 01	96 700	1989
1990	114 AT 22:55 EST ON MAR 12	88.9B ON MAR 12	0.095 ON JUL 29	141 000	1990
	B - ICE CONDITIONS	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		113 000	MEAN

CONESTOGO RIVER AT DRAYTON - STATION NO. 02GA017

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1950	---	---	---	---	0.584	1.69	0.334	0.396	0.188	0.435	6.30	8.90	---	1950
1951	6.60	5.03	16.4	17.4	0.499	0.668	0.585	0.068	0.111	2.31	9.10	3.13	5.13	1951
1952	6.97	1.81	9.82	13.3	0.569	0.085	0.080	0.185	0.100	0.066	0.698	3.79	3.13	1952
1953	2.92	3.14	11.1	2.98	6.10	2.14	0.780	0.133	0.119	0.117	0.191	0.890	2.56	1953
1954	0.481	12.4	12.1	13.0	0.727	0.154	0.053	0.062	0.188	9.57	1.63	2.39	4.34	1954
1955	2.78	0.797	10.4	13.5	1.59	0.354	0.053	0.029	0.072	0.602	5.21	1.86	3.10	1955
1956	0.686	0.401	4.15	29.9	8.45	0.714	2.73	3.29	1.34	0.745	0.920	1.82	4.75	1956
1957	2.26	3.83	5.95	7.26	1.63	5.78	1.77	0.071	0.754	1.66	6.88	8.70	3.87	1957
1958	0.670	0.204	5.14	2.84	0.361	0.076	0.063	0.056	0.112	0.104	0.445	0.426	0.881	1958
1959	0.271	0.213	5.99	30.3	5.33	0.262	0.234	1.94	2.02	3.55	9.15	3.65	5.23	1959
1960	1.96	2.80	2.08	29.5	10.4	1.60	0.106	0.038	0.024	0.072	0.368	0.147	4.06	1960
1961	0.135	3.89	8.28	5.63	2.87	0.986	0.150	0.119	0.141	0.076	0.455	1.82	2.03	1961
1962	0.299	0.283	10.9	8.62	0.439	0.143	0.059	0.067	0.066	0.288	3.77	2.68	2.31	1962
1963	0.536	0.313	16.9	4.26	3.40	0.232	0.035	0.070	0.045	0.058	0.103	0.138	2.21	1963
1964	2.21	1.37	10.4	8.15	0.744	0.187	0.046	1.45	0.142	0.121	0.239	5.03	2.51	1964
1965	2.17	7.43	3.58	20.0	3.96	0.127	0.067	0.049	0.122	3.61	8.76	12.4	5.15	1965
1966	1.99	4.06	11.0	5.70	2.60	1.86	0.027	0.051	0.097	0.107	2.10	7.20	3.06	1966
1967	5.88	1.35	10.6	12.1	1.10	6.55	4.99	1.23	1.23	8.21	9.90	11.4	6.24	1967
1968	0.848	7.48	17.6	3.07	1.09	0.316	0.136	0.990	1.71	4.16	9.13	4.73	4.26	1968
1969	3.02	3.36	10.1	19.1	5.28	0.584	0.148	0.062	0.033	0.111	1.55	0.699	3.65	1969
1970	0.666	1.27	1.27	23.5	2.02	0.356	0.410	0.062	0.160	0.721	3.72	6.70	3.38	1970
1971	1.47	1.06	4.43	30.0	1.02	0.493	0.059	0.074	0.093	0.064	0.207	2.32	3.41	1971
1972	2.59	0.884	3.76	31.4	2.47	1.30	0.353	0.055	0.052	1.10	3.25	3.90	4.22	1972
MEAN	2.16	2.88	8.73	15.1	2.75	1.15	0.577	0.459	0.388	1.64	3.66	4.21	3.61	MEAN

LOCATION - LAT 43 45 25 N LONG 080 40 16 W
DRAINAGE AREA, 324 km²
NATURAL FLOW

CONESTOGO RIVER AT DRAYTON - STATION NO. 02GA017

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1950	---	---	0 ON AUG 24 *	---	1950
1951	171 AT 18:00 EST ON MAR 30	119 ON MAR 30	0.057 ON AUG 06	162 000	1951
1952	149 AT 22:30 EST ON MAR 31	123 ON APR 01	0.028 ON JUL 16	98 900	1952
1953	90.3 AT 13:00 EST ON MAY 02	45.0 ON MAY 02	0.057 ON JUL 27	80 700	1953
1954	---	137 B ON FEB 16	0.028 ON JUL 19	137 000	1954
1955	---	66.5B ON MAR 11	0 ON AUG 03	97 800	1955
1956	202 AT 21:00 EST ON APR 04	157 ON APR 04 *	0.085 ON NOV 07	150 000	1956
1957	149 AT 14:45 EST ON JUN 29	105 ON JUN 29	0.057 ON AUG 04	122 000	1957
1958	---	25.3 ON MAR 27	0.028 ON JUL 14	27 800	1958
1959	175 AT 22:00 EST ON APR 05	116 ON APR 05	0.040 ON JUN 26	165 000	1959
1960	194 AT 18:00 EST ON APR 03	141 ON APR 03	0.003 ON SEP 10	128 000	1960
1961	46.7 AT 21:00 EST ON MAR 27	32.3B ON FEB 24	0.003 ON AUG 22	64 100	1961
1962	190 AT 22:00 EST ON MAR 29	122 ON MAR 30	0.006 ON AUG 31	72 900	1962
1963	169 AT 21:00 EST ON MAR 27	126 ON MAR 27	0.006 ON JUL 08	69 800	1963
1964	114 AT 02:00 EST ON APR 08	60.0 ON DEC 25	0.011 ON JUL 05	79 500	1964
1965	135 AT 17:00 EST ON APR 07	69.9 ON FEB 10	0.025 ON JUL 29	162 000	1965
1966	106 AT 09:40 EST ON DEC 07	81.0 ON DEC 07	0.008 ON JUL 24	96 600	1966
1967	214 AT 02:00 EST ON APR 03	98.5 ON OCT 18	0.062 ON SEP 19	197 000	1967
1968	174 AT 03:30 EST ON NOV 29	89.8 ON NOV 29	0.062 ON JUL 29	135 000	1968
1969	97.7 AT 03:00 EST ON APR 05	80.7 ON APR 05	0.015 ON SEP 19	115 000	1969
1970	133 AT 21:10 EST ON APR 14	87.8 ON APR 14	0.042 ON AUG 16	107 000	1970
1971	109 AT 10:00 EST ON APR 11	88.9B ON APR 08	0.037 ON OCT 05	108 000	1971
1972	222 AT 22:30 EST ON APR 18 *	123 ON APR 18	0.025 ON SEP 01	134 000	1972
				114 000	MEAN

B - ICE CONDITIONS * - EXTREME RECORDED FOR THE PERIOD OF RECORD

CONESTOGO RIVER AT GLEN ALLAN - STATION NO. 02GA028

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1959	---	---	---	---	---	---	---	---	---	15.6	16.2	5.76	---	1959
1960	4.41	5.48	2.77	40.1	16.9	4.58	4.48	5.22	6.21	5.32	0.609	0.480	8.01	1960
1961	0.236	0.235	0.375	3.34	5.09	3.87	4.46	4.55	5.22	5.58	3.48	2.62	3.27	1961
1962	0.696	0.699	1.68	8.77	3.09	2.62	4.60	4.28	2.47	2.74	4.66	8.30	3.73	1962
1963	1.14	0.607	8.37	5.05	5.57	3.96	4.00	2.71	4.33	3.21	3.03	1.92	3.68	1963
1964	2.88	2.91	7.06	3.35	0.099	0.374	4.59	3.83	6.23	5.28	3.95	3.70	3.69	1964
1965	7.92	6.71	9.52	16.8	7.43	3.83	3.04	3.50	3.34	3.29	12.4	21.8	8.30	1965
1966	15.3	2.75	5.88	5.47	4.59	5.69	5.48	4.69	4.37	3.45	1.90	5.18	5.42	1966
1967	8.48	13.6	6.23	17.2	2.71	11.3	10.4	4.24	6.29	9.64	17.2	23.4	10.8	1967
1968	9.20	10.3	8.36	4.04	3.38	4.45	4.41	3.06	6.29	12.9	12.4	12.0	7.56	1968
1969	4.84	8.33	4.21	30.0	11.2	4.32	5.61	4.77	1.96	4.31	1.75	2.58	6.96	1969
1970	1.83	1.05	1.89	16.4	3.36	5.12	3.11	4.69	4.46	2.14	1.94	10.4	4.71	1970
1971	5.37	2.04	7.68	19.4	3.52	3.39	3.03	3.31	5.10	4.28	0.337	2.16	4.97	1971
1972	3.41	1.39	6.55	27.5	4.14	4.68	4.59	5.40	6.25	5.93	4.07	5.98	6.64	1972
1973	10.3	5.55	22.4	7.11	5.67	6.39	6.71	5.22	5.27	2.96	2.30	3.61	6.99	1973
1974	6.14	10.6	12.3	18.6	23.4	2.88	2.84	4.52	4.91	4.04	1.99	1.37	7.52	1974
1975	3.67	2.93	11.4	24.5	2.78	2.88	4.05	4.42	5.12	4.88	4.56	12.2	6.96	1975
1976	6.37	9.63	35.9	10.6	7.30	3.76	5.53	3.79	6.23	6.63	4.37	4.57	8.75	1976
1977	2.91	0.719	20.6	8.50	2.53	2.51	2.65	3.58	8.36	19.2	8.22	14.6	7.93	1977
1978	2.33	1.20	7.45	27.5	4.46	4.10	5.18	5.49	5.67	3.89	3.65	2.74	6.13	1978
1979	3.53	1.01	25.5	26.6	3.62	5.42	5.09	3.72	3.30	3.52	3.16	15.4	8.37	1979
1980	13.2	0.620	2.35	14.6	2.97	3.86	3.88	3.58	3.23	4.52	6.40	8.61	5.67	1980
1981	2.23	16.3	4.65	4.22	3.05	4.07	4.29	5.26	3.33	12.6	8.29	13.9	6.79	1981
1982	2.81	0.533	9.71	24.3	4.17	3.06	3.58	4.80	6.91	4.74	12.1	26.4	8.62	1982
1983	7.52	2.87	2.53	10.5	14.5	3.93	3.73	4.25	6.63	6.06	5.09	12.1	6.68	1983
1984	3.80	16.6	14.2	7.85	3.46	3.60	3.42	4.02	3.44	4.51	6.10	16.0	7.23	1984
1985	6.72	8.59	30.0	20.0	3.51	5.13	3.84	3.43	5.14	6.20	14.0	13.7	10.7	1985
1986	7.63	2.02	13.3	5.17	5.79	4.14	5.00	7.11	37.5	22.3	8.88	7.06	10.5	1986
1987	3.70	1.87	9.33	11.5	2.83	3.66	4.19	3.62	3.08	2.67	4.70	17.7	5.77	1987
1988	7.73	4.69	7.53	9.50	2.95	3.71	5.25	3.94	3.11	2.97	11.9	7.63	5.90	1988
1989	6.19	2.27	2.79	11.5	2.58	4.35	4.18	6.10	4.08	3.75	8.33	8.76	5.41	1989
1990	10.2	6.95	9.53	5.94	3.85	3.19	5.16	4.71	3.39	15.4	21.1	17.3	8.92	1990
MEAN	5.57	4.87	10.1	14.6	5.40	4.16	4.53	4.38	5.85	6.70	6.85	9.69	6.86	MEAN

LOCATION - LAT 43 39 17 N DRAINAGE AREA 570 km^2
LONG 080 42 06 W REGULATED SINCE 1958

CONESTOGO RIVER AT GLEN ALLAN - STATION NO. 02GA028

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1959	---	---	---	---	1959
1960	240 AT 23:45 EST ON APR 04	215 ON APR 05	0.340B ON DEC 26	253 000	1960
1961	24.0 AT 06:00 EST ON MAY 10	23.5 ON MAY 10	0.227B ON JAN 11	103 000	1961
1962	44.7 AT 18:00 EST ON APR 07	44.5 ON APR 07	0.076 ON JUN 17	118 000	1962
1963	108 AT 20:00 EST ON MAR 30	104 ON MAR 31	0.085 ON OCT 16	116 000	1963
1964	49.8 AT 11:00 EST ON APR 08	24.7 ON APR 08	0.057 ON JUN 10	117 000	1964
1965	181 AT 23:00 EST ON MAY 10	75.6 ON MAY 11	0.340 ON MAY 04	262 000	1965
1966	43.3 AT 16:15 EST ON JAN 12	32.8 ON JAN 13	0.051 ON NOV 07	171 000	1966
1967	195 AT 05:00 EST ON APR 03	138 ON APR 03	0.184 ON SEP 04	341 000	1967
1968	136 AT 11:45 EST ON DEC 02	94.9 ON DEC 02	0.289 ON SEP 29	239 000	1968
1969	208 AT 14:27 EST ON APR 18	130 ON APR 18	0.048B ON DEC 01 *	219 000	1969
1970	103 AT 09:43 EST ON APR 16	94.3 ON APR 15	0.108 ON OCT 23	148 000	1970
1971	77.0 AT 19:14 EST ON APR 13	71.6 ON APR 13	0.173 ON NOV 01	157 000	1971
1972	239 AT 02:08 EST ON APR 19	190 ON APR 19	1.01 B ON FEB 25	210 000	1972
1973	91.7 AT 23:45 EST ON MAR 11	76.5 ON MAR 12	1.37 ON NOV 16	220 000	1973
1974	447 AT 04:12 EST ON MAY 17 *	271 ON MAY 17 *	0.680B ON DEC 26	237 000	1974
1975	210 AT 20:46 EST ON APR 19	161 ON APR 20	0.793B ON JAN 01	220 000	1975
1976	169 AT 20:04 EST ON MAR 23	163 ON MAR 24	0.906B ON FEB 09	277 000	1976
1977	99.1 AT 15:35 EST ON MAR 14	98.0 ON MAR 15	0.614B ON FEB 22	250 000	1977
1978	159 AT 10:04 EST ON APR 13	145 ON APR 13	0.513 ON NOV 13	193 000	1978
1979	266 AT 07:12 EST ON APR 14	248 ON APR 14	0.800B ON FEB 22	264 000	1979
1980	53.7 AT 10:58 EST ON APR 15	43.1 ON APR 16	0.459B ON MAR 03	179 000	1980
1981	88.0 AT 15:40 EST ON FEB 23	86.8 ON FEB 24	0.480B ON FEB 07	214 000	1981
1982	101 AT 14:46 EST ON APR 17	91.5 ON APR 03	0.460B ON MAR 07	272 000	1982
1983	68.0 AT 18:10 EST ON MAY 20	49.5 ON MAY 21	0.395E ON NOV 01	211 000	1983
1984	69.9 AT 15:49 EST ON MAR 22	61.9 ON MAR 23	0.488B ON FEB 01	229 000	1984
1985	310 AT 21:13 EST ON APR 05	220 ON APR 06	2.90 ON MAY 01	337 000	1985
1986	106 AT 10:58 EST ON SEP 12	82.4 ON SEP 13	1.29 B ON MAR 10	332 000	1986
1987	108 AT 03:57 EST ON APR 06	86.5 ON APR 06	1.70 B ON FEB 25	182 000	1987
1988	65.6 AT 17:25 EST ON APR 04	64.0 ON APR 05	1.14 ON DEC 19	187 000	1988
1989	52.9 AT 06:06 EST ON APR 16	38.4 ON APR 16	1.50 B ON JAN 24	171 000	1989
1990	40.7 AT 10:48 EST ON MAR 23	38.8 ON NOV 07	2.54 ON JUN 04	281 000	1990
				216 000	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

CONESTOGO RIVER AT ST. JACOBS - STATION NO. 02GA006

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1913	---	---	---	---	---	---	---	0.269	0.233	0.618	10.3	7.43	---	1913
1914	4.92	3.87	42.2	12.1	1.09	0.130	0.114	0.171	0.205	0.184	2.47	2.67	5.89	1914
1915	1.60	16.4	40.7	20.1	1.83	0.523	1.06	10.1	15.5	6.48	9.61	4.15	10.6	1915
1916	39.1	6.34	20.7	42.4	6.65	13.4	1.41	0.146	---	---	---	---	---	1916
MEAN	15.2	8.87	34.5	24.9	3.19	4.68	0.861	2.67	5.31	2.43	7.46	4.75	8.25	MEAN

LOCATION - LAT 43 32 20 N
LONG 080 33 12 W
DRAINAGE AREA, 790 km^2
REGULATED
DATA CONTRIBUTED BY - ONTARIO HYDRO

CONESTOGO RIVER AT ST. JACOBS - STATION NO. 02GA006

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1913	---	---	---	---	1913
1914	---	210 ON MAR 27 *	0.057 ON DEC 20 *	186 000	1914
1915	---	124 ON SEP 13	0.142 ON JUL 02	335 000	1915
1916	---	161 ON MAR 29	---	---	1916
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		261 000	MEAN

CONESTOGO RIVER NEAR CONESTOGO - STATION NO. 02GA013

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1945	---	---	---	---	---	---	---	---	---	19.6	9.74	6.99	---	1945
1946	---	---	43.8	1.97	2.12	1.19	0.824	0.397	0.375	0.588	1.19	---	---	1946
1947	---	---	---	96.0	32.4	16.8	5.65	1.09	0.610	0.853	1.25	9.39	---	1947
1948	1.93	6.94	81.6	12.4	3.14	0.979	0.863	0.376	0.191	0.441	3.92	1.79	9.79	1948
1949	12.3	16.8	38.1	7.14	1.12	0.289	0.485	0.168	0.325	1.01	0.768	23.6	8.51	1949
1950	23.8	5.60	27.9	36.7	2.25	2.88	1.50	1.48	1.13	1.50	9.52	19.9	11.2	1950
1951	15.4	11.6	39.8	37.1	2.88	2.04	3.15	0.749	1.30	4.43	17.6	7.41	11.9	1951
1952	16.9	5.69	23.1	31.0	2.90	1.07	0.788	0.807	0.790	0.536	1.66	9.41	7.81	1952
1953	7.02	7.39	29.7	8.95	20.8	8.16	2.28	0.986	0.913	0.837	0.831	2.19	7.53	1953
1954	1.73	33.3	31.9	26.4	2.75	0.813	0.265	0.259	0.517	35.7	4.83	6.22	11.9	1954
1955	6.90	1.99	27.5	31.4	4.37	1.22	0.256	0.292	0.363	1.03	13.1	4.52	7.77	1955
1956	2.00	1.24	15.8	61.9	28.6	2.11	7.27	10.4	4.00	1.77	2.19	10.3	12.3	1956
1957	5.81	9.33	16.4	18.5	4.21	9.19	5.16	0.594	1.89	2.75	12.5	22.5	9.10	1957
1958	2.05	1.36	9.49	2.95	1.92	3.85	4.08	2.47	1.72	---	---	---	---	1958
MEAN	8.71	9.20	32.1	28.6	8.67	3.89	2.51	1.54	1.09	5.47	6.08	10.3	9.78	MEAN

LOCATION - LAT 43 31 28 N
LONG 080 30 55 W
DRAINAGE AREA, 821 km^2
REGULATED

CONESTOGO RIVER NEAR CONESTOGO - STATION NO. 02GA013

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1945	---	---	---	---	1945
1946	---	---	---	---	1946
1947	---	---	---	---	1947
1948	809 AT 01:00 EST ON MAR 20 *	566E ON MAR 20	0.057 ON SEP 05 *	309 000	1948
1949	---	317B ON DEC 22	0.085 ON JUN 10	268 000	1949
1950	---	382 ON APR 04	0.368 ON AUG 27	353 000	1950
1951	396 ON MAR 30	249 ON MAR 30	0.311 ON AUG 12	376 000	1951
1952	261 ON APR 02	227 ON APR 01	0.283 ON AUG 03	247 000	1952
1953	275 ON MAY 26	146 ON MAY 26	0.368 ON AUG 16	238 000	1953
1954	---	592E ON OCT 16 *	0.113 ON JUL 25	376 000	1954
1955	---	123 ON APR 02	0.142 ON JUL 25	245 000	1955
1956	---	396 ON APR 04	0.368 ON AUG 22	389 000	1956
1957	275 ON DEC 21	203 ON DEC 21	0.255 ON AUG 18	287 000	1957
1958	---	---	---	---	1958
				309 000	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

CONISTON CREEK ABOVE WANAPITEI RIVER - STATION NO. 02DB007

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1980	---	---	---	---	1.35	0.513	0.222	0.334	1.11	1.70	1.10	0.437	---	1980
1981	0.217	2.71	2.03	3.06	0.667	0.631	0.680	0.311	2.36	1.68	0.633	0.423	1.27	1981
1982	0.187	0.324	1.05	5.76	0.797	0.458	0.178	0.083	0.877	1.59	1.52	2.46	1.27	1982
1983	0.358	0.034	1.67	3.66	2.83	0.701	0.146	0.355	0.521	1.65	0.804	0.523	1.11	1983
1984	0.404	1.75	1.62	2.34	2.07	2.13	0.630	0.308	0.726	1.27	2.95	2.00	1.51	1984
1985	0.382	0.407	1.89	7.70	0.782	0.262	0.398	0.531	0.510	0.839	1.77	0.492	1.32	1985
1986	0.365	0.323	2.76	3.78	0.603	0.484	0.524	0.394	0.648	1.10	0.765	0.358	1.01	1986
1987	0.220	0.250	3.61	1.45	0.694	0.332	0.223	0.088	0.230	0.411	0.481	1.01 R	0.755R	1987
1988	0.456	0.528	1.78	5.75	0.901	0.294	0.199	0.335	0.583	2.45	2.93	0.626	1.40	1988
1989	0.393	0.347	1.54	5.35	0.852	2.07	0.236	0.310	0.277	0.390	0.603	0.265	1.05	1989
1990	0.512	0.589	3.90	1.64	2.87	0.637	0.396	0.222	0.377	1.74	3.20	0.997	1.43	1990
MEAN	0.349	0.726	2.19	4.05	1.31	0.774	0.348	0.297	0.747	1.35	1.52	0.872R	1.21 R	MEAN

LOCATION - LAT 46 28 28 N LONG 080 49 18 W
DRAINAGE AREA, 59 km^2
NATURAL FLOW
R - REVISED SINCE JAN 01 1989

REMARKS - DATA PRIOR TO 1980 COLLECTED AND PUBLISHED BY ONT. MINISTRY OF THE ENVIRONMENT UNDER STATION NO. 02DB102

CONISTON CREEK ABOVE WANAPITEI RIVER - STATION NO. 02DB007

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1980	---	---	---	---	1980
1981	---	17.0 B ON FEB 24	0.180E ON AUG 28	40 000	1981
1982	---	15.0 B ON APR 13	0.034 ON AUG 17	40 100	1982
1983	21.8 AT 00:54 EST ON APR 15	14.8 ON APR 15	0.020B ON JAN 26	35 000	1983
1984	12.7 AT 15:15 EST ON NOV 01	8.59 ON NOV 02	0.160B ON MAR 11	47 700	1984
1985	30.0 AT 01:02 EST ON APR 22	22.3 ON APR 22	0.115E ON JUL 02	41 800	1985
1986	33.8B AT 21:55 EST ON MAR 30	25.5 ON MAR 31	0.214 ON SEP 02	31 800	1986
1987	---	16.8 B ON MAR 25	0.018E ON SEP 07 *	23 800	1987
1988	29.5 AT 18:43 EST ON APR 04	25.3 ON APR 04	0.105E ON AUG 01	44 200	1988
1989	31.8 AT 12:00 EST ON JUN 17	26.2 ON JUN 17	0.123E ON JUL 26	33 000	1989
1990	41.9 AT 04:24 EST ON MAY 18 *	30.8 ON MAY 18 *	0.110E ON AUG 27	45 100	1990
				38 300	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

CONISTON CREEK NEAR CONISTON - STATION NO. 02DB004

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1942	---	---	---	5.29	0.927	0.534	0.184	0.132	0.751	0.742	1.63	0.298	---	1942
1943	0.155	0.207	0.818	6.47	1.31	2.73	0.590	0.736	2.79	0.442	1.36	0.255	1.48	1943
1944	0.185	0.158	0.397	4.35	1.19	1.10	0.229	0.193	1.27	1.32	0.804	0.281	0.950	1944
1945	0.105	0.198	3.94	1.72	3.18	0.731	0.283	0.458	1.52	1.72	2.02	0.311	1.36	1945
1946	0.950	0.142	4.75	0.692	1.24	0.329	0.135	0.415	0.214	0.382	1.25	1.14	0.973	1946
1947	0.170	0.227	1.23	6.51	2.52	2.26	0.402	1.16	2.07	0.386	0.561	0.246	1.39	1947
1948	0.170	0.113	3.58	3.46	0.576	0.354	0.235	0.234	0.148	0.473	2.57	0.696	1.05	1948
1949	0.491	0.318	2.23	2.63	0.931	0.641	0.216	0.338	0.199	0.287	0.342	0.549	0.766	1949
1950	2.03	0.340	2.89	4.10	1.03	0.492	---	---	---	---	---	---	---	1950
1951	---	---	---	8.98	0.487	0.461	0.703	0.301	---	---	---	---	---	1951
MEAN	0.520	0.213	2.48	4.42	1.24	0.963	0.331	0.441	1.12	0.719	1.32	0.472	1.14	MEAN

LOCATION - LAT 46 28 45 N LONG 080 49 10 W
DRAINAGE AREA, 64.8 km^2
NATURAL FLOW

REMARKS - FORMERLY PUBLISHED AS "BURNT CREEK NEAR CONISTON"

CONISTON CREEK NEAR CONISTON - STATION NO. 02DB004

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1942	---	21.5 ON APR 02	---	---	1942
1943	---	19.8 ON APR 02	0.113E ON DEC 28	46 600	1943
1944	---	13.2 ON APR 12	0.113E ON JAN 01	30 000	1944
1945	---	29.4 ON MAY 28 *	0.057E ON JAN 26 *	42 800	1945
1946	---	20.4 ON MAR 15	0.085 ON JUL 27	30 700	1946
1947	---	23.1 ON JUN 15	0.170E ON JAN 01	43 800	1947
1948	---	16.0 ON MAR 25	0.113E ON FEB 01	33 200	1948
1949	---	15.3 ON MAR 29	0.085E ON JUL 20	24 200	1949
1950	---	---	---	---	1950
1951	---	---	---	---	1951
				35 900	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

CONSECON CREEK AT ALLISONVILLE - STATION NO. 02HE002

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1970	0.224	0.513	5.78	3.71	1.25	0.126	0.143	0.032	0.006	0.021	1.66	1.57	1.26	1970
1971	0.511	0.544	4.08	11.2	1.10	0.149	0.006	0	0	0.001	0.002	0.214	1.47	1971
1972	0.580	0.486	2.15	7.99	1.22	0.535	0.184	0.121	0.017	0.762	2.93	2.75	1.64	1972
1973	2.58	2.14	6.36	3.37	1.37	0.316	0.017	0.001	0.001	0.007	0.136	0.670	1.41	1973
1974	3.23	1.05	2.99	5.27	2.62	0.362	0.030	0.003	0.002	0.004	0.098	1.06	1.40	1974
1975	2.61	2.25	5.67	3.19	0.766	0.293	0.004	0	0.005	0.009	0.090	1.20	1.34	1975
1976	0.612	4.71	7.84	2.59	1.83	0.301	0.168	0.055	0.022	0.129	0.276	0.328	1.56	1976
1977	0.206	0.201	8.34	2.35	0.515	0.014	0.002	0.002	0.033	0.531	2.26	3.34	1.50	1977
1978	3.23	1.28	3.12	10.8	0.948	0.068	0.008	0.003	0.004	0.011	0.095	0.715	1.68	1978
1979	1.65	1.35	8.68	3.76	1.11	0.045	0.005	0.002	0.009	0.095	1.68	3.26	1.81	1979
1980	0.897	0.128	6.08	3.27	1.25	0.271	0.671	0.165	0.040	0.337	1.09	1.90	1.35	1980
1981	0.309	8.44	1.45	1.13	0.806	0.224	0.121	0.075	2.58	0.988	1.33	0.541	1.45	1981
1982	0.618	0.372	7.40	4.78	0.611	1.46	0.416	0.066	0.036	0.304	2.02	2.61	1.73	1982
1983	1.01	1.05	2.79	3.35	2.96	0.423	0.006	0.001	0.001	0.011	0.853	2.24	1.23	1983
1984	0.369	3.87	2.46	6.27	1.57	0.352	0.022	0.012	0.006	0.005	0.014	0.166	1.24	1984
1985	0.196	1.03	5.96	2.28	0.269	0.041	0.008	0.004	0.005	0.009	1.79	0.918	1.04	1985
1986	1.95	0.646	5.89	1.90	1.33	0.409	0.031	0.111	1.87	3.29	1.70	4.98	2.03	1986
1987	1.21	0.608	5.20	5.06	0.413	0.034	0.005	0	0.001	0.006	0.176	2.83	1.30	1987
1988	0.474	0.760	4.95	2.65	0.462	0.040	0.005	0.001	0.002	0.016	0.100	0.085	0.796	1988
1989	0.307	0.315	3.33	3.93	1.87	0.496	0.036	0.001	0.001	0.025	2.04	0.442	1.07	1989
1990	2.16	2.34	6.14	4.40	3.76	0.547	0.117	0.014	0.004	0.019	0.169	5.03	2.06	1990
MEAN	1.19	1.62	5.08	4.44	1.34	0.310	0.095	0.032	0.221	0.313	0.977	1.75	1.45	MEAN

LOCATION - LAT 44 01 40 N
LONG 077 22 00 W
DRAINAGE AREA, 114 km²
REGULATED SINCE 1969

CONSECON CREEK AT ALLISONVILLE - STATION NO. 02HE002

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1970	23.0 AT 20:11 EST ON MAR 27	21.4 ON MAR 27	0.001 ON AUG 29	39 700	1970
1971	27.6 AT 19:52 EST ON APR 07	25.1 ON APR 08	0 ON JUL 12 *	46 400	1971
1972	27.5 AT 18:16 EST ON APR 03	24.4 ON APR 03	0.006 ON SEP 21	51 800	1972
1973	21.0 AT 00:16 EST ON MAR 18	18.3 ON MAR 18	0 ON AUG 13	44 600	1973
1974	25.1 AT 19:08 EST ON JAN 27	20.4 ON APR 04	0.001 ON AUG 22	44 000	1974
1975	21.4 AT 14:08 EST ON MAR 21	19.4 ON MAR 20	0 ON JUL 11	42 200	1975
1976	19.7 AT 16:49 EST ON MAR 21	17.0 ON MAR 22	0.004 ON SEP 07	49 400	1976
1977	39.1 AT 06:50 EST ON MAR 13	35.7 ON MAR 13	0 ON JUL 26	47 200	1977
1978	36.5B AT 17:25 EST ON APR 02	31.1 B ON APR 02	0.001 ON AUG 20	53 000	1978
1979	23.5 AT 08:17 EST ON MAR 09	20.7 ON MAR 06	0.001 ON JUL 18	57 200	1979
1980	---	49.6 E ON MAR 22 *	0.004 ON AUG 24	42 700	1980
1981	43.9 AT 03:21 EST ON FEB 21 *	41.5 ON FEB 21	0.004 ON AUG 08	45 800	1981
1982	36.1 AT 05:34 EST ON MAR 23	31.9 ON MAR 23	0.004 ON AUG 21	54 600	1982
1983	---	8.20B ON DEC 15	0 ON JUL 26	38 700	1983
1984	35.7B AT 16:30 EST ON FEB 16	24.0 B ON FEB 16	0.004 ON OCT 02	39 300	1984
1985	18.4 AT 22:52 EST ON MAR 13	17.9 ON MAR 14	0 ON AUG 13	32 900	1985
1986	31.9 AT 15:56 EST ON MAR 20	26.5 ON MAR 20	0.008 ON AUG 04	63 900	1986
1987	21.4 AT 19:40 EST ON MAR 08	18.0 ON MAR 09	0 ON AUG 05	41 100	1987
1988	---	18.6 ON MAR 27	0 ON AUG 04	25 200	1988
1989	18.7 AT 15:37 EST ON MAR 29	18.0 ON MAR 29	0 ON JUL 31	33 600	1989
1990	20.7 AT 20:10 EST ON MAR 13	19.1 B ON MAR 13	0.003 ON SEP 10	65 100	1990
				45 600	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

COPELAND CREEK NEAR PENETAGUISHENE - STATION NO. 02ED019

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1988	---	---	---	---	---	---	0.030	0.034	0.044	0.114	0.157	0.103	---	1988
1989	0.105	0.083	0.262	0.217	0.160	0.125	0.040	0.039	0.050	0.065	0.135	0.094	0.115	1989
1990	0.174	0.131	0.388	0.226	0.125	0.074	0.060	0.046	0.055	0.088	0.187	0.183	0.145	1990
MEAN	0.140	0.107	0.325	0.222	0.143	0.100	0.043	0.040	0.050	0.089	0.160	0.127	0.130	MEAN

LOCATION - LAT 44 45 49 N LONG 079 57 10 W DRAINAGE AREA, 26.9 km² NATURAL FLOW

REMARKS - STATION ACTIVATED JUNE, 1988

COPELAND CREEK NEAR PENETAGUISHENE - STATION NO. 02ED019

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1988	---	---	---	---	1988
1989	3.90B AT 22:48 EST ON MAR 28 *	1.97B ON MAR 28 *	0.026 ON JUL 31 *	3 620	1989
1990	3.36B AT 19:55 EST ON MAR 14	1.90B ON MAR 14	0.033 ON AUG 26	4 580	1990
	B - ICE CONDITIONS	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		4 100	MEAN

CREDIT RIVER ALTON BRANCH ABOVE ALTON - STATION NO. 02HB019

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1983	---	---	---	1.32	1.43	0.625	0.353	0.400	0.399	0.511	0.664	0.681	---	1983
1984	0.414	1.05	0.970	1.55	0.779	0.550	0.466	0.366	0.512	0.489	0.700	0.934	0.730	1984
1985	0.546	1.07	1.76	2.20	0.720	0.615	0.443	0.558	0.817	0.551	0.984	0.869	0.925	1985
1986	0.557	0.510	1.42	0.965	0.702	0.502	0.819	0.731	1.34	1.12	0.745	1.03	0.873	1986
1987	0.738	0.612	1.18	1.41	0.592	0.460	0.560	0.419	0.417	0.552	0.656	0.872	0.706	1987
1988	0.552	0.716	1.02	0.962	0.605	0.301	0.252	0.272	0.415	0.476	0.700	0.558	0.568	1988
1989	0.553	0.481	1.38	0.792	0.729	0.747	0.331	0.384	0.341	0.471	0.849	0.454	0.627	1989
1990	0.636	0.834	1.91	0.816	0.761	0.474	0.388	0.382	0.485	0.851	0.790	1.03	0.780	1990
MEAN	0.571	0.753	1.38	1.25	0.790	0.534	0.452	0.439	0.591	0.628	0.761	0.804	0.744	MEAN

LOCATION - LAT 43 51 14 N LONG 080 05 02 W DRAINAGE AREA, 59.5 km² REGULATED

REMARKS - NEW STATION EFFECTIVE APR 1983

CREDIT RIVER ALTON BRANCH ABOVE ALTON - STATION NO. 02HB019

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1983	3.58 AT 20:47 EST ON MAY 02	---	0.170 ON SEP 15	---	1983
1984	3.17 AT 13:18 EST ON APR 05	2.93 ON APR 05	0.298 ON AUG 17	23 100	1984
1985	8.66 AT 21:35 EST ON MAR 28	6.80 ON APR 06	0.251 ON JUL 29	29 200	1985
1986	3.79 AT 22:10 EST ON JUL 18	3.70B ON MAR 20	0.247 ON JUN 03	27 500	1986
1987	5.08 AT 06:27 EST ON APR 06	4.69 ON APR 06	0.357 ON AUG 25	22 300	1987
1988	5.23 AT 03:34 EST ON MAR 26	4.45 ON MAR 26	0.146 ON JUL 15 *	18 000	1988
1989	---	7.50B ON MAR 15	0.170E ON AUG 12	19 800	1989
1990	12.0 AT 02:30 EST ON MAR 13 *	11.4 A ON MAR 13 *	0.283 ON JUL 14	24 600	1990
	A - MANUAL GAUGE (SEE REFERENCE INDEX) B - ICE CONDITIONS E - ESTIMATED	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		23 500	MEAN

CREDIT RIVER AT BOSTON MILLS - STATION NO. 02HB018

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1982	---	---	---	---	---	---	---	---	3.29	3.23	5.69	8.21	---	1982
1983	5.36	6.51	6.71	8.25	9.12	4.09	2.64	3.01	2.75	3.46	4.25	4.21	5.02	1983
1984	2.91	8.28	7.71	11.0	5.70	3.72	2.86	2.35	3.04	2.79	4.10	4.92	4.93	1984
1985	3.42	8.64	11.7	15.2	5.39	4.27	3.06	3.35	4.33	3.68	6.84	5.32	6.23	1985
1986	4.24	3.50	8.55	6.13	4.88	4.27	4.29	4.24	10.1	8.18	5.32	5.15	5.75	1986
1987	4.30	4.18	8.30	10.1	4.12	2.99	3.36	2.40	2.59	3.24	3.56	4.63	4.48	1987
1988	3.86	4.77	7.28	6.06	3.99	2.21	1.84	1.91	2.98	2.87	3.84	3.03	3.71	1988
1989	4.11	2.95	7.35	4.61	4.21	3.70	1.80	2.30	2.03	2.60	4.13	2.24	3.51	1989
1990	4.62	5.21	11.5	5.13	4.98	2.99	2.35	2.30	2.31	4.46	4.41	5.71	4.67	1990
MEAN	4.10	5.51	8.64	8.31	5.30	3.53	2.78	2.73	3.71	3.83	4.68	4.82	4.79	MEAN

LOCATION - LAT 43 46 26 N LONG 079 55 39 W DRAINAGE AREA, 402 km² REGULATED

REMARKS - GAUGE OPERATIONAL AUG 27 1982

CREDIT RIVER AT BOSTON MILLS - STATION NO. 02HB018

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1982	---	---	---	---	1982
1983	26.3 AT 09:25 EST ON MAY 03	24.6 ON MAY 03	1.85 ON SEP 15	158 000	1983
1984	30.7 AT 03:14 EST ON APR 06	27.2 ON APR 06	1.82 ON AUG 18	156 000	1984
1985	50.9 AT 21:00 EST ON FEB 25	46.5 ON APR 06	1.95 ON JUL 30	196 000	1985
1986	35.1 AT 14:16 EST ON SEP 11	32.7 ON SEP 11	2.06 ON JUL 10	181 000	1986
1987	44.2 AT 10:06 EST ON APR 06	40.2 ON APR 06	1.84 ON AUG 26	141 000	1987
1988	30.8 AT 17:33 EST ON MAR 26	28.5 ON MAR 26	1.44 ON JUL 08 *	117 000	1988
1989	29.4 AT 00:30 EST ON MAR 27	28.5 ON MAR 28	1.48 ON AUG 01	111 000	1989
1990	55.4 AT 14:30 EST ON MAR 13 *	54.1 ON MAR 13 *	1.75 ON AUG 10	147 000	1990
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		151 000	MEAN

CREDIT RIVER AT ERINDALE - STATION NO. 02HB002

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1945	---	---	---	---	---	---	---	---	---	8.33	7.27	4.51	---	1945
1946	---	---	30.3	9.46	1.37	3.95	2.10	1.68	1.39	1.02	1.83	2.52	---	1946
1947	---	---	---	35.4	9.26	33.8	12.4	2.79	1.73	1.36	0.410	0.531	---	1947
1948	---	---	47.3	6.05	3.46	3.00	3.69	2.13	2.04	2.92	4.49	4.26	---	1948
1949	6.37	12.9	13.1	7.01	3.16	1.94	1.92	1.11	1.64	2.91	2.55	9.43	5.30	1949
1950	10.5	9.29	19.5	31.3	8.89	11.1	2.45	2.44	1.86	2.38	3.02	7.70	9.18	1950
1951	9.31	12.6	18.0	21.5	5.75	3.69	3.53	2.40	2.30	3.01	6.29	3.57	7.61	1951
1952	7.7	11.5	22.4	26.9	7.37	5.21	3.64	2.94	2.78	4.26	4.43	4.44	8.84	1952
1953	8.85	8.28	11.9	5.58	9.98	5.35	3.96	3.13	2.68	2.60	2.97	3.43	5.55	1953
1954	7.53	19.5	24.1	16.5	6.34	3.98	2.19	2.18	2.50	18.6	5.75	10.6	9.69	1954
1955	8.17	8.78	22.6	20.9	5.07	2.84	1.61	2.62	2.04	3.52	7.85	5.37	7.59	1955
1956	6.13	6.45	21.2	31.4	23.1	7.46	7.86	7.07	6.21	3.86	4.24	6.49	11.0	1956
1957	8.68	13.4	15.0	14.3	7.67	6.09	3.84	2.12	3.19	3.53	4.73	7.19	7.44	1957
1958	3.38	3.95	12.3	7.99	2.93	2.17	2.16	1.72	3.22	2.43	3.27	1.97	3.96	1958
1959	2.40	4.43	19.9	21.8	5.91	2.52	2.28	1.94	1.83	2.96	3.80	4.39	6.18	1959
1960	3.42	3.61	8.53	31.1	25.5	7.97	5.30	4.10	2.61	3.08	4.54	3.08	8.57	1960
1961	1.37	12.0	12.5	14.5	7.08	5.23	2.87	2.94	2.89	2.92	3.28	3.75	5.90	1961
1962	2.89	3.19	16.9	9.99	3.78	2.63	2.20	1.85	1.82	4.90	12.2	4.80	5.57	1962
1963	2.70	2.31	16.2	7.95	6.60	2.51	2.32	2.73	2.06	1.84	2.77	2.06	4.36	1963
1964	4.54	3.33	15.2	11.5	5.87	3.03	3.04	3.87	2.37	2.44	2.95	4.80	5.25	1964
1965	7.13	17.2	11.1	28.6	6.98	2.74	2.86	2.15	2.41	5.07	6.73	9.24	8.43	1965
1966	6.83	28.1	18.4	9.09	7.23	5.15	1.87	1.95	2.20	3.30	4.47	8.67	7.89	1966
1967	7.74	4.84	15.5	21.1	6.94	10.8	8.87	4.89	3.82	6.47	7.58	11.9	9.22	1967
1968	5.30	8.79	26.8	9.96	7.63	5.24	3.68	7.07	6.43	5.44	11.4	8.86	8.89	1968
1969	8.32	7.03	21.8	26.9	12.7	6.12	5.15	4.80	2.90	3.74	6.70	4.59	9.24	1969
1970	4.14	4.85	10.7	23.3	7.44	3.80	4.20	3.18	4.09	4.56	7.07	8.58	7.15	1970
1971	5.62	6.89	13.0	22.4	5.19	4.92	4.75	3.79	2.69	3.10	3.80	7.19	6.92	1971
1972	8.29	4.76	12.8	40.1	8.05	6.21	5.27	3.63	3.05	5.27	7.43	8.02	9.38	1972
1973	11.5	10.1	33.9	15.6	10.2	5.70	3.33	3.94	3.03	4.70	9.58	8.46	10.0	1973
1974	14.8	9.24	22.2	17.0	28.0	8.53	4.33	3.57	3.90	4.30	5.68	4.18	10.5	1974
1975	6.18	14.3	15.7	25.0	10.0	4.49	2.85	3.60	3.95	3.53	4.31	5.33	8.21	1975
1976	2.81	16.6	36.6	16.9	13.3	5.47	5.48	3.97	5.17	5.21	4.17	2.72	9.85	1976
1977	2.81	3.92	27.5	12.3	4.40	3.02	3.23	3.73	9.07	12.9	10.9	14.8	9.10	1977
1978	7.02	5.87	15.1	32.2	12.7	5.35	4.99	3.39	3.72	4.76	5.33	5.17	8.79	1978
1979	5.75	4.09	30.2	25.8	13.2	6.14	3.92	3.92	3.56	4.36	7.38	13.2	10.2	1979
1980	4.99	2.87	12.9	18.5	7.70	5.79	6.09	3.92	4.14	4.80	4.35	5.46	6.80	1980
1981	3.28	20.8	6.84	6.59	5.35	4.17	5.47	5.02	7.42	9.34	9.21	5.19	7.28	1981
1982	3.64	3.47	22.5	28.4	6.49	12.5	5.43	5.44	6.30	5.56	11.6	18.6	10.8	1982
1983	8.45	12.0	14.0	18.1	17.4	7.01	5.16	6.20	5.21	5.94	8.04	8.68	9.66	1983
1986	---	---	22.3	11.6	8.78	6.46	6.71	10.4	32.3	14.7	11.1	17.3	---	1986
1987	9.56	7.60	20.9	27.0	6.19	4.66	5.70	3.52	3.80	4.49	5.99	8.41	8.98	1987
1988	6.61	10.3	15.2	11.6	6.61	3.05	2.70	2.68	3.59	3.74	6.58	4.98	6.45	1988
1989	6.46	4.71	15.0	9.82	7.61	9.34	3.24	3.38	2.74	3.94	7.30	4.31	6.49	1989
1990	10.1	12.1	18.7	9.67	11.2	4.60	3.51	4.35	3.32	7.71	7.68	20.8	9.50	1990
MEAN	6.49	9.13	19.2	18.6	8.91	5.90	4.07	3.59	4.14	4.84	5.98	7.03	7.99	MEAN

LOCATION - LAT 43 32 34 N LONG 079 39 26 W DRAINAGE AREA, 795 km^2 REGULATED

REMARKS - NO DATA AVAILABLE FOR 1984 AND 1985

CREDIT RIVER AT ERINDALE - STATION NO. 02HB002

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1945	---	---	---	---	1945
1946	---	132 ON MAR 09	0.085 ON SEP 10 *	---	1946
1947	---	146 ON JUN 02	0.113 ON OCT 28	---	1947
1948	---	231 ON MAR 16	0.198 ON SEP 03	---	1948
1949	---	63.4 ON MAR 23	0.368 ON AUG 06	167 000	1949
1950	---	214 ON APR 05	0.736 ON SEP 22	289 000	1950
1951	---	107 ON MAR 30	1.78 ON SEP 28	240 000	1951
1952	---	84.7 ON APR 06	1.67 ON JUL 07	200 000	1952
1953	---	39.4 ON FEB 21	1.95 B ON DEC 16	175 000	1953
1954	---	317 ON OCT 16	1.73 ON JUL 15	305 000	1954
1955	---	103 ON APR 15	1.27 ON JUL 31	239 000	1955
1956	---	120 ON APR 05	2.97 ON NOV 19	347 000	1956
1957	---	90.6B ON FEB 26	0.736 ON JUL 26	214 000	1957
1958	---	28.3B ON MAR 03	0.934 ON AUG 30	125 000	1958
1959	---	87.5 ON APR 02	0.906 ON SEP 08	195 000	1959
1960	---	168 ON MAY 09	2.07 ON SEP 11	271 000	1960
1961	---	46.2 ON APR 16	1.02 B ON FEB 01	186 000	1961
1962	---	149 ON NOV 10	1.22 ON JUL 21	176 000	1962
1963	---	84.7 ON MAR 27	1.34 ON JUL 07	138 000	1963
1964	157 B AT 09:00 EST ON MAR 05	65.1B ON MAR 04	1.51 ON JUL 26	166 000	1964
1965	146 AT 05:00 EST ON FEB 11	111 ON FEB 11	1.58 ON AUG 24	266 000	1965
1966	---	113 E ON FEB 12	1.39 ON JUL 24	249 000	1966
1967	114 AT 11:30 EST ON APR 03	94.9 ON APR 03	2.81 ON SEP 17	291 000	1967
1968	87.2 AT 01:30 EST ON MAR 21	75.0 ON NOV 29	2.74 ON AUG 16	281 000	1968
1969	102 E AT 21:17 EST ON APR 18	70.2 ON MAR 21	2.63 ON SEP 14	291 000	1969
1970	---	59.2E ON APR 08	2.41 ON AUG 18	225 000	1970
1971	72.5 AT 08:06 EST ON APR 02	62.0 ON APR 02	2.04 E ON OCT 03	218 000	1971
1972	---	106 E ON APR 13	2.40 ON SEP 02	297 000	1972
1973	153 AT 21:33 EST ON MAR 11	84.7 ON MAR 12	2.35 ON SEP 08	316 000	1973
1974	501 AT 06:36 EST ON MAY 17 *	337 ON MAY 17 *	3.03 ON AUG 22	331 000	1974
1975	255 AT 01:45 EST ON FEB 25	182 ON APR 19	1.99 ON JUL 07	259 000	1975
1976	193 AT 20:26 EST ON MAR 20	169 ON MAR 21	2.38 B ON JAN 23	312 000	1976
1977	204 AT 11:34 EST ON MAR 13	148 ON MAR 13	2.19 ON JUL 28	287 000	1977
1978	129 AT 22:36 EST ON APR 01	78.2 ON APR 07	2.32 ON JUL 20	277 000	1978
1979	128 AT 14:40 EST ON DEC 25	114 ON DEC 25	2.31 B ON DEC 18	321 000	1979
1980	149 AT 20:16 EST ON MAR 21	93.3 ON MAR 22	2.30 B ON MAR 03	215 000	1980
1981	---	80.0B ON FEB 19	2.60 B ON JAN 03	230 000	1981
1982	160 AT 11:57 EST ON JUN 29	116 ON APR 01	2.30 B ON FEB 14	342 000	1982
1983	89.0 AT 01:35 EST ON MAY 03	60.0B ON FEB 03	4.20 B ON DEC 21	305 000	1983
1986	219 AT 20:11 EST ON SEP 29	---	---	---	1986
1987	154 AT 02:32 EST ON JUL 20	96.2 ON APR 06	2.00 ON SEP 07	283 000	1987
1988	73.6 AT 01:53 EST ON MAR 26	61.1 ON MAR 26	1.38 ON JUL 09	204 000	1988
1989	83.6 AT 05:31 EST ON JUN 02	55.7 ON MAR 26	1.92 ON AUG 03	205 000	1989
1990	---	146 ON DEC 30	2.26 ON AUG 10	300 000	1990
				252 000	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

CREDIT RIVER AT NORVAL - STATION NO. 02HB025

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1988	---	---	---	---	---	---	---	---	---	---	5.74	4.64	---	1988
1989	5.19	4.26	9.73	6.87	6.15	6.30	2.80	2.86	2.58	3.15	5.11	3.40	4.87	1989
1990	6.01	7.97	15.9	7.52	7.85	4.20	3.24	3.29	2.87	5.84	6.44	10.4	6.80	1990
MEAN	5.60	6.12	12.8	7.20	7.00	5.25	3.02	3.08	2.73	4.50	5.76	6.15	5.84	MEAN

LOCATION - LAT 43 30 55 N LONG 079 51 22 W
DRAINAGE AREA, 615 km²
REGULATED

REMARKS - STATION ACTIVATED OCT 1988

CREDIT RIVER AT NORVAL - STATION NO. 02HB025

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1988	---	---	---	---	1988
1989	40.6 AT 19:30 EST ON MAR 26	33.1 ON MAR 28	2.07 ON AUG 03 *	154 000	1989
1990	97.4 AT 15:12 EST ON MAR 13 *	82.2 ON MAR 13 *	2.35 ON AUG 10	214 000	1990
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		184 000	MEAN

CREDIT RIVER ERIN BRANCH ABOVE ERIN - STATION NO. 02HB020

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1983	---	---	---	0.686	0.744	0.375	0.255	0.301	0.258	0.307	0.436	0.400	---	1983
1984	0.361	0.674	0.749	0.860	0.553	0.414	0.311	0.253	0.383	0.415	0.451	0.497	0.492	1984
1985	0.334	0.702	1.06	1.30	0.553	0.440	0.352	0.443	0.503	0.470	0.727	0.580	0.620	1985
1986	0.438	0.382	0.766	0.588	0.498	0.432	0.602	0.571	1.18	0.865	0.581	0.591	0.625	1986
1987	0.486	0.385	0.794	0.834	0.470	0.401	0.387	0.323	0.359	0.426	0.465	0.520	0.488	1987
1988	0.479	0.599	0.755	0.634	0.454	0.296	0.274	0.272	0.303	0.374	0.466	0.390	0.447	1988
1989	0.465	0.412	0.940	0.527	0.517	0.450	0.259	0.295	0.216	0.291	0.508	0.342	0.435	1989
1990	0.414	0.444	0.980	0.547	0.476	0.348	0.291	0.306	0.293	0.525	0.513	0.687	0.486	1990
MEAN	0.425	0.514	0.863	0.747	0.533	0.395	0.341	0.346	0.447	0.459	0.518	0.501	0.513	MEAN

LOCATION - LAT 43 46 20 N LONG 080 05 35 W DRAINAGE AREA, 32.3 km² REGULATED

REMARKS - NEW STATION EFFECTIVE APR 1983

CREDIT RIVER ERIN BRANCH ABOVE ERIN - STATION NO. 02HB020

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1983	2.39 AT 22:12 EST ON MAY 02	---	0.170E ON SEP 15	---	1983
1984	2.44 AT 10:26 EST ON MAR 17	2.23 ON MAR 17	0.209E ON AUG 18	15 600	1984
1985	---	4.20B ON FEB 24	0.200B ON FEB 07	19 500	1985
1986	5.23 AT 04:22 EST ON SEP 11	4.32 ON SEP 11	0.248 ON JUL 10	19 700	1986
1987	2.38 AT 17:05 EST ON APR 05	2.07 ON APR 06	0.272 ON AUG 01	15 400	1987
1988	3.76 AT 13:28 EST ON MAR 24	3.00 ON MAR 24	0.224 ON AUG 22	14 100	1988
1989	6.52 AT 15:33 EST ON MAR 15 *	5.49 ON MAR 15	0.071 ON AUG 31 *	13 700	1989
1990	6.28 AT 19:15 EST ON MAR 12	5.52 ON MAR 13 *	0.218 ON AUG 27	15 300	1990
				16 200	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

CREDIT RIVER NEAR CATARACT - STATION NO. 02HB001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1915	---	---	---	---	---	0.787	0.863	1.51	1.69	1.34	1.66	1.48	---	1915
1916	4.16	3.71	4.40	7.53	2.17	1.96	0.882	0.636	0.540	0.908	0.979	1.34	2.42	1916
1917	1.80	1.55	5.75	3.20	1.35	1.08	2.09	0.810	0.709	0.941	0.832	0.812	1.75	1917
1918	2.72	8.17	12.7	2.33	1.17	0.752	0.572	0.573	0.866	0.815	0.831	1.28	2.70	1918
1919	3.24	0.564	6.74	2.19	2.32	1.15	0.611	0.579	0.550	0.835	1.13	1.07	1.76	1919
1920	0.395	0.537	7.08	2.16	1.54	1.53	1.06	0.778	0.609	0.934	1.24	1.33	1.61	1920
1921	1.07	1.04	5.09	2.57	1.31	1.05	1.17	0.815	0.730	1.12	1.12	1.76	1.58	1921
1922	1.07	0.858	3.86	2.03	1.38	1.04	0.891	0.723	0.743	0.782	0.830	0.836	1.57	1922
1923	0.821	0.396	1.61	7.37	2.43	1.13	0.815	1.04	0.806	0.582	0.712	1.27	1.58	1923
1924	0.639	0.425	1.63	5.33	4.13	1.16	1.06	1.01	0.812	0.850	0.768	0.909	1.56	1924
1925	0.642	1.71	6.21	1.49	0.834	0.659	0.575	0.542	0.673	0.902	1.64	0.901	1.40	1925
1926	1.27	1.13	2.47	12.0	1.78	1.12	0.701	1.26	1.00	1.19	2.19	1.47	2.29	1926
1927	0.680	0.991	6.47	2.03	1.91	1.64	1.12	0.728	0.687	0.786	1.16	1.33	1.64	1927
1928	1.10	0.865	4.50	4.00	1.40	1.17	2.05	1.12	0.764	1.25	1.54	1.55	1.78	1928
1929	1.53	1.04	7.66	7.46	2.07	0.932	0.846	0.607	0.480	0.852	1.08	0.765	2.12	1929
1930	3.17	6.43	2.27	5.71	1.93	1.08	0.781	0.495	0.465	0.513	0.872	0.793	2.01	1930
1931	0.651	0.566	0.805	2.75	0.966	0.917	1.18	0.755	0.711	0.815	1.38	1.90	1.12	1931
1932	4.05	5.15	3.91	5.48	1.98	1.11	1.09	1.09	1.31	1.23	2.30	2.07	2.55	1932
1933	2.24	4.42	4.66	5.76	2.44	1.09	0.753	0.686	0.653	0.800	1.10	1.42	1.80	1933
1934	2.72	0.708	5.52	6.24	1.09	0.806	0.588	0.557	0.575	0.649	1.03	0.963	1.79	1934
1935	1.87	0.765	3.73	1.15	1.18	1.57	1.05	0.656	0.715	0.872	1.53	1.13	1.36	1935
1936	0.708	0.651	5.00	1.40	1.53	1.34	0.779	0.738	1.05	1.33	1.46	1.95	1.67	1936
1937	5.04	4.90	1.21	4.06	2.06	0.881	0.770	0.697	0.802	1.05	1.25	0.850	1.94	1937
1938	0.793	3.43	4.14	1.72	1.58	0.828	0.790	0.793	0.784	0.775	0.942	0.921	1.45	1938
1939	1.22	0.934	2.30	6.64	1.75	1.21	0.925	0.765	0.824	1.01	1.09	0.954	1.63	1939
1940	0.651	0.340	0.227	4.49	1.89	2.13	0.792	0.728	1.16	1.08	1.41	1.90	1.40	1940
1941	1.47	1.13	1.30	4.15	0.998	0.856	0.876	0.707	0.824	1.02	1.20	0.998	1.29	1941
1942	1.16	0.850	6.03	2.69	2.05	1.65	0.917	0.665	1.51	1.48	2.18	1.39	1.89	1942
1943	1.47	2.55	5.41	5.52	4.64	1.86	1.15	0.969	1.04	1.06	1.23	0.952	2.32	1943
1944	0.736	0.850	3.05	5.73	1.73	1.23	0.656	0.483	0.576	0.709	0.784	0.834	1.44	1944
1945	0.708	0.538	3.30	1.97	2.65	1.50	0.882	0.553	0.773	1.15	1.06	0.878	1.34	1945
1946	2.29	1.73	5.29	1.03	1.01	0.734	0.483	0.482	0.460	0.634	0.827	0.878	1.32	1946
1947	0.934	0.850	1.56	7.38	3.66	3.40	1.35	1.19	1.08	0.867	1.14	1.43	2.07	1947
1948	1.10	1.13	6.43	2.60	1.49	0.812	0.790	0.525	0.555	0.683	1.12	0.787	1.53	1948
1949	1.93	1.93	4.70	2.03	0.964	0.569	0.586	0.378	0.739	1.06	0.837	2.48	1.52	1949
1950	3.02	1.66	4.08	9.26	1.26	0.967	0.751	0.656	0.748	0.764	0.871	1.22	2.10	1950
1951	1.93	2.94	3.26	5.50	1.66	1.00	0.815	0.580	0.643	0.965	2.55	1.08	1.84	1951
1952	1.33	1.25	2.62	4.36	2.56	0.742	0.612	0.619	0.624	0.998	1.47	1.36	1.42	1952
1953	1.69	1.87	3.73	1.64	1.38	1.67	1.57	1.06	1.09	1.16	1.19	1.28	1.69	1953
1954	2.04	2.98	6.00	5.05	1.93	1.51	0.916	1.09	1.39	4.78	1.97	1.77	2.62	1954
1955	3.09	1.67	4.65	5.80	1.83	1.57	0.989	1.26	1.12	2.12	2.59	1.81	2.38	1955
1956	1.78	1.17	2.00	9.49	4.54	1.78	2.22	2.17	1.86	1.40	1.43	1.66	2.62	1956
1957	1.57	2.82	2.52	2.87	1.83	1.48	1.06	0.608	0.991	0.982	1.26	1.50	1.61	1957
1958	0.974	0.913	1.56	1.75	0.897	0.626	0.597	0.509	0.790	0.730	0.763	0.693	0.899	1958
1959	0.700	0.694	1.45	8.32	2.08	0.912	0.765	0.888	0.908	1.34	1.66	1.34	1.75	1959
1960	1.22	1.18	1.19	7.07	4.49	1.85	1.34	1.10	0.900	1.08	1.43	0.943	1.98	1960
1961	0.816	2.47	2.69	2.61	1.80	1.28	0.788	0.740	0.812	0.726	0.946	0.969	1.38	1961
1962	0.670	0.680	2.11	2.43	0.908	0.692	0.679	0.547	0.568	1.04	1.79	1.21	1.11	1962
1963	0.700	0.668	5.10	2.80	1.45	0.551	0.537	0.771	0.651	0.574	0.917	0.615	1.03	1963
1964	0.902	0.659	2.01	2.46	1.32	0.778	0.867	1.08	0.584	0.737	0.878	1.16	1.12	1964
1965	1.22	3.41	1.62	6.33	1.87	0.783	0.664	0.734	0.752	1.36	1.44	1.68	1.80	1965
1966	1.31	1.83	2.95	1.95	1.69	1.38	0.659	0.960	0.847	0.916	1.35	1.42	1.44	1966
1967	1.37	1.26	2.08	3.66	1.43	1.93	1.65	1.40	1.09	1.83	1.93	2.55	1.85	1967
1968	1.53	2.42	5.46	2.69	2.18	1.53	1.20	1.93	1.84	1.60	2.19	2.24	2.23	1968
1969	1.88	1.94	3.75	6.72	3.10	2.16	1.70	1.35	0.900	1.21	1.70	1.17	2.29	1969
1970	0.992	1.02	1.10	3.59	1.68	1.07	1.19	0.968	1.40	1.44	1.62	1.63	1.47	1970
1971	1.32	1.40	1.54	4.60	1.52	1.36	1.36	1.37	1.05	1.03	1.24	1.76	1.63	1971
1972	1.19	1.04	1.16	6.76	1.97	1.65	1.14	1.00	1.01	1.48	1.47	1.53	1.79	1972
1973	1.73	1.68	4.92	3.50	2.40	1.58	0.987	1.36	0.945	1.21	1.85	1.46	1.97	1973
1974	1.67	1.57	4.41	4.32	3.32	1.58	0.960	0.899	1.05	1.14	1.49	1.15	1.96	1974
1975	1.16	1.47	2.10	4.69	1.95	1.29	1.01	1.11	1.24	1.09	1.16	1.31	1.63	1975
1976	1.06	1.49	5.71	2.28	2.53	1.43	1.48	1.23	1.38	1.57	1.34	1.04	1.97	1976
1977	0.902	0.938	4.03	2.55	1.04	0.841	0.853	1.10	1.51	2.27	1.93	2.13	1.66	1977
1978	1.86	1.62	1.90	6.21	2.10	1.43	0.995	1.24	1.69	1.52	1.58	1.53	2.06	1978
1979	1.56	1.27	4.55	5.02	2.64	1.66	1.32	1.23	1.13	1.45	1.90	1.97	2.15	1979
1980	1.91	1.13	3.45	3.33	1.80	1.47	1.66	1.20	1.29	1.43	1.32	1.50	1.79	1980
1981	0.985	3.22	1.74	1.65	1.29	1.09	1.23	1.10	1.44	1.56	1.91	1.65	1.56	1981
1982	1.23	1.13	2.20	6.46	1.59	1.99	1.19	1.36	1.45	1.38	2.34	3.37	2.14	1982
1983	2.07	2.49	2.70	3.17	1.64	1.75	1.24	1.32	1.24	1.42	1.80	1.69	2.04	1983
1984	1.23	2.86	2.80	4.46	2.25	1.59	1.28	1.10	1.28	1.16	1.75	1.89	1.96	1984
1985	1.51	2.48	4.85	6.54	2.13	1.71	1.26	1.50	2.12	1.71	2.73	2.25	2.56	1985
1986	1.75	1.63	3.97	2.58	1.95	1.66	1.55	1.54	1.04	2.74	1.88	1.85	2.19	1986
1987	1.75	1.57	3.07	4.32	1.71	1.24	1.36	0.992	1.26	1.56	1.59	2.11	1.87	1987
1988	1.66	1.89	2.87	2.29	1.52	0.897	1.00	0.773	0.940	1.09	1.60	1.44	1.49	1988
1989	1.47	1.13	3.39	1.84	1.69	1.66	0.799	0.973	0.921	1.07	1.90	1.07	1.49	1989
1990	1.54	1.77	4.84	2.12	1.96	1.22	1.03	1.00	1.05	1.85	1.77	2.15	1.86	1990
MEAN	1.56	1.73	3.62	4.27	1.95	1.29	1.02	0.935	0.997	1.19	1.44	1.42	1.78	MEAN

LOCATION - LAT 43 50 08 N LONG 080 01 21 W

DRAINAGE AREA, 205 km² REGULATED

REMARKS - NUMEROUS STATION LOCATION CHANGES

CREDIT RIVER NEAR CATARACT - STATION NO. 02HB001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1915	---	---	---	---	1915
1916	---	31.7 ON MAR 30	0.283 ON MAR 14	76 600	1916
1917	---	30.0 ON MAR 26	0.170 ON DEC 05 *	55 100	1917
1918	---	35.7 ON MAR 21	0.396 ON AUG 03	85 100	1918
1919	---	66.8 ON MAR 18 *	0.255 ON FEB 14	55 600	1919
1920	---	35.1 ON MAR 17	0.340B ON JAN 23	50 800	1920
1921	---	22.7 ON MAR 06	0.566 ON JUN 26	49 700	1921
1922	---	21.7 ON APR 05	0.425 ON AUG 20	49 500	1922
1923	---	32.8 ON APR 08	0.396B ON FEB 01	49 900	1923
1924	---	26.6 ON APR 06	0.396B ON MAR 01	49 400	1924
1925	---	47.9 ON MAR 19	0.340 ON JUL 19	44 100	1925
1926	---	31.7 ON APR 14	0.538 ON JUL 04	72 200	1926
1927	---	34.0 ON MAR 14	0.425 ON AUG 21	51 600	1927
1928	---	21.7 ON MAR 26	0.453 ON SEP 09	56 300	1928
1929	---	43.6 ON APR 06	0.368 ON SEP 04	66 700	1929
1930	---	15.9 ON APR 07	0.368 ON SEP 05	63 300	1930
1931	---	7.93 ON APR 10	0.481 ON AUG 20	35 300	1931
1932	---	17.7 ON APR 08	0.736 ON SEP 03	80 600	1932
1933	---	20.7 ON APR 01	0.481 ON AUG 06	56 900	1933
1934	---	18.7 ON APR 02	0.453 ON JUL 27	56 500	1934
1935	---	18.4 ON MAR 17	0.453 ON SEP 12	42 800	1935
1936	---	22.4 ON MAR 27	0.538 ON AUG 13	52 700	1936
1937	---	12.0 ON APR 06	0.368 ON AUG 02	51 200	1937
1938	---	13.4 ON MAR 21	0.283 ON AUG 29	45 600	1938
1939	---	20.0 ON APR 19	0.538 ON AUG 07	51 500	1939
1940	---	16.4 ON APR 09	0.227B ON MAR 01	44 100	1940
1941	---	13.1 ON APR 06	0.538 ON JUN 12	40 700	1941
1942	---	33.7 ON MAR 17	0.510 ON JUL 08	59 500	1942
1943	---	19.4 ON APR 01	0.510 ON AUG 01	73 200	1943
1944	---	19.4 ON APR 10	0.311 ON AUG 14	45 700	1944
1945	---	11.4 ON MAR 18	0.510 ON JUN 28	42 100	1945
1946	---	23.2 ON MAR 07	0.311 ON JUL 14	41 700	1946
1947	---	24.1 ON APR 12	0.510 ON AUG 08	65 200	1947
1948	---	33.7 ON MAR 21	0.311 ON SEP 01	48 400	1948
1949	---	18.1 ON MAR 28	0.311 ON AUG 07	47 900	1949
1950	---	56.6 E ON APR 04	0.396 ON AUG 14	66 200	1950
1951	---	27.0 ON MAR 31	0.396 ON JUL 20	57 900	1951
1952	---	14.0 ON APR 01	0.510 ON JUL 10	44 900	1952
1953	---	11.2 ON MAR 04	0.680 ON AUG 30	53 400	1953
1954	---	29.2 E ON MAR 01	0.680 ON JUL 13	82 500	1954
1955	---	16.2 ON MAR 11	0.736 ON JUL 20	74 900	1955
1956	---	41.6 ON APR 05	0.850 ON MAR 04	82 900	1956
1957	---	20.0 ON FEB 26	0.566 ON AUG 02	50 900	1957
1958	---	3.45 ON MAR 28	0.340 ON AUG 14	28 400	1958
1959	---	18.8 ON APR 06	0.481 ON JUL 12	55 200	1959
1960	---	14.0 ON MAY 09	0.782 ON SEP 01	62 600	1960
1961	---	14.4 ON FEB 24	0.623 ON OCT 27	43 500	1961
1962	---	14.7 ON MAR 30	0.425 ON JUL 10	35 100	1962
1963	---	16.5 ON MAR 26	0.340 ON JUL 02	32 500	1963
1964	---	6.40 ON APR 07	0.396 ON JUL 21	35 400	1964
1965	---	21.4 ON APR 12	0.467 ON AUG 25	56 900	1965
1966	---	8.04 ON FEB 11	0.436 ON JUL 19	45 300	1966
1967	18.2 AT 11:45 EST ON APR 03	15.9 ON APR 03	0.714 ON SEP 18	58 300	1967
1968	17.4 AT 22:45 EST ON MAR 20	14.5 ON MAR 21	0.926 ON AUG 16	70 700	1968
1969	19.1 AT 19:50 EST ON APR 18	16.4 ON APR 05	0.816 ON SEP 15	72 400	1969
1970	8.92 AT 20:47 EST ON APR 09	7.53 ON APR 21	0.694 ON AUG 18	46 500	1970
1971	14.6 AT 06:56 EST ON APR 13	14.1 ON APR 13	0.714 ON OCT 20	51 300	1971
1972	28.9 AT 01:21 EST ON APR 19	24.9 ON APR 18	0.697 ON JUL 30	56 500	1972
1973	15.9 AT 11:24 EST ON MAR 12	14.4 ON MAR 12	0.750 ON JUL 16	62 300	1973
1974	27.1 AT 10:20 EST ON MAR 07	24.6 ON MAR 07	0.685 ON AUG 18	61 900	1974
1975	35.4 AT 13:54 EST ON APR 19 *	28.6 ON APR 19	0.694 ON JUL 07	51 300	1975
1976	30.9 AT 07:19 EST ON MAR 21	26.9 ON MAR 21	0.731 ON AUG 26	62 200	1976
1977	22.1 AT 20:51 EST ON MAR 13	17.7 ON MAR 13	0.597 ON JUL 28	52 200	1977
1978	17.5 AT 02:34 EST ON APR 12	15.2 ON APR 12	0.807 ON JUL 19	65 000	1978
1979	23.0 AT 20:22 EST ON APR 14	17.8 ON APR 14	0.960 ON SEP 28	67 700	1979
1980	28.8 AT 19:46 EST ON MAR 21	22.1 ON MAR 21	0.874 ON MAR 02	56 700	1980
1981	11.2 AT 19:46 EST ON FEB 19	9.87 ON FEB 20	0.593 ON JUL 25	49 100	1981
1982	32.5 AT 00:16 EST ON APR 01	25.4 ON APR 01	0.915 ON SEP 10	67 500	1982
1983	10.6 AT 09:15 EST ON MAY 03	10.0 ON MAY 03	0.802 ON SEP 15	64 400	1983
1984	12.6 AT 00:32 EST ON APR 06	10.6 ON APR 06	0.890 ON AUG 18	62 000	1984
1985	27.1 AT 02:49 EST ON MAR 29	22.2 ON MAR 29	0.786 ON JUL 30	80 700	1985
1986	12.9 AT 16:32 EST ON MAR 19	10.6 ON MAR 20	0.872 ON JUL 10	69 200	1986
1987	22.9 AT 08:40 EST ON APR 06	20.2 ON APR 06	0.785 ON AUG 25	59 100	1987
1988	12.0 AT 10:01 EST ON MAR 26	11.5 ON MAR 26	0.527 ON AUG 22	47 200	1988
1989	28.1 AT 16:44 EST ON MAR 15	19.4 ON MAR 15	0.664 ON AUG 02	47 100	1989
1990	31.8 AT 06:50 EST ON MAR 13	29.7 ON MAR 13	0.799 ON JUL 13	58 700	1990
				56 200	MEAN

B - ICE CONDITIONS
E - ESTIMATED

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

CREDIT RIVER NEAR ORANGEVILLE - STATION NO. 02HB013

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1967	---	---	---	---	---	---	---	---	---	0.580	0.584	0.782	---	1967
1968	0.468	0.833	1.67	0.784	0.695	0.426	0.420	0.668	0.597	0.631	0.618	0.742	0.713	1968
1969	0.648	0.576	1.08	1.73	0.956	0.684	0.721	0.557	0.266	0.431	0.537	0.238	0.702	1969
1970	0.226	0.244	0.240	0.998	0.598	0.358	0.451	0.480	0.424	0.455	0.486	0.473	0.453	1970
1971	0.451	0.448	0.490	1.14	0.328	0.352	0.542	0.382	0.196	0.165	0.407	0.626	0.460	1971
1972	0.310	0.205	0.255	1.45	0.472	0.438	0.253	0.266	0.373	0.441	0.441	0.546	0.453	1972
1973	0.708	0.599	1.31	1.12	0.757	0.436	0.302	0.528	0.358	0.434	0.626	0.545	0.643	1973
1974	0.623	0.585	1.08	1.30	0.888	0.414	0.262	0.268	0.348	0.403	0.495	0.430	0.590	1974
1975	0.428	0.490	0.634	1.19	0.616	0.334	0.335	0.386	0.444	0.368	0.365	0.442	0.502	1975
1976	0.333	0.575	1.48	0.939	0.749	0.418	0.498	0.425	0.488	0.506	0.470	0.380	0.606	1976
1977	0.311	0.348	1.14	0.692	0.298	0.238	0.257	0.410	0.536	0.792	0.645	0.786	0.539	1977
1978	0.822	0.705	0.872	1.56	0.973	0.437	0.321	0.508	0.662	0.557	0.608	0.594	0.718	1978
1979	0.744	0.557	1.30	1.41	0.849	0.585	0.485	0.469	0.453	0.630	0.876	0.641	0.751	1979
1980	0.706	0.475	0.775	1.02	0.547	0.522	0.647	0.441	0.473	0.522	0.500	0.561	0.599	1980
1981	0.463	1.01	0.570	0.470	0.343	0.294	0.330	0.382	0.509	0.487	0.773	0.693	0.523	1981
1982	0.419	0.343	0.735	1.73	0.519	0.681	0.396	0.505	0.594	0.480	0.908	1.37	0.723	1982
1983	0.681	0.850	0.838	0.837	1.04	0.416	0.336	0.363	0.338	0.396	0.501	0.496	0.590	1983
1984	0.339	0.878	0.854	1.19	0.564	0.346	0.407	0.439	0.342	0.264	0.515	0.543	0.554	1984
1985	0.382	0.719	1.31	1.81	0.509	0.424	0.306	0.373	0.656	0.408	0.651	0.599	0.676	1985
1986	0.597	0.425	1.01	0.631	0.412	0.415	0.326	0.466	1.16	0.974	0.617	0.541	0.632	1986
1987	0.513	0.433	0.841	1.05	0.359	0.313	0.359	0.264	0.505	0.523	0.411	0.529	0.508	1987
1988	0.508	0.524	0.776	0.530	0.389	0.202	0.166	0.236	0.322	0.311	0.581	0.578	0.427	1988
1989	0.499	0.346	0.894	0.519	0.496	0.491	0.199	0.304	0.279	0.287	0.656	0.372	0.445	1989
1990	0.508	0.525	1.53	0.595	0.584	0.304	0.244	0.275	0.266	0.461	0.629	0.718	0.555	1990
MEAN	0.508	0.552	0.943	1.07	0.606	0.414	0.372	0.408	0.460	0.479	0.579	0.593	0.581	MEAN

LOCATION - LAT 43 53 29 N DRAINAGE AREA, 62.2 km²
LONG 080 03 47 W REGULATED

CREDIT RIVER NEAR ORANGEVILLE - STATION NO. 02HB013

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1967	---	---	---	---	1967
1968	6.88 AT 19:30 EST ON MAR 18	4.47 ON MAR 18	0.150 ON NOV 03	22 500	1968
1969	6.71 AT 07:34 EST ON JUL 22	4.67 ON APR 18	0.164 ON SEP 27	22 100	1969
1970	3.96 AT 19:06 EST ON APR 09	3.06 ON APR 09	0.065 ON AUG 26	14 300	1970
1971	3.37 AT 23:16 EST ON APR 09	2.76 ON APR 13	0.116 ON OCT 08	14 500	1971
1972	17.6 AT 20:46 EST ON APR 14 *	5.18 ON APR 14	0.116 ON AUG 18	14 300	1972
1973	5.92 AT 13:51 EST ON APR 02	4.50 ON APR 02	0.193 ON JUL 09	20 300	1973
1974	6.60 AT 06:56 EST ON APR 04	5.44 ON APR 04	0.150 ON JUN 06	18 600	1974
1975	8.89 AT 03:28 EST ON APR 19	7.39 ON APR 19	0.048 ON JUL 06 *	15 800	1975
1976	7.67 AT 03:44 EST ON MAR 21	5.89 ON MAR 21	0.198 ON JUN 18	19 200	1976
1977	7.19 AT 09:13 EST ON MAR 13	5.61 ON MAR 13	0.176 ON JUL 05	17 000	1977
1978	4.64 AT 19:35 EST ON APR 11	3.48 ON APR 11	0.195 ON MAY 03	22 600	1978
1979	5.59 AT 18:00 EST ON APR 14	5.13 ON APR 14	0.308B ON DEC 18	23 700	1979
1980	8.25 AT 16:19 EST ON MAR 21	5.60 ON MAR 21	0.200B ON MAR 03	19 000	1980
1981	4.27 AT 01:04 EST ON FEB 19	3.54 ON FEB 19	0.170 ON JUL 14	16 500	1981
1982	8.33 AT 19:14 EST ON MAR 31	5.70 ON MAR 31	0.287B ON MAR 09	22 800	1982
1983	4.33 AT 01:52 EST ON MAY 03	3.32 ON MAY 03	0.229 ON JUN 26	18 600	1983
1984	4.07 AT 12:30 EST ON FEB 14	3.29 ON FEB 14	0.192 ON OCT 15	17 500	1984
1985	6.95 AT 20:36 EST ON MAR 28	5.01 ON MAR 29	0.174 ON JUL 30	21 300	1985
1986	4.92 AT 16:47 EST ON MAR 19	3.33 ON MAR 19	0.060 ON JUL 23	19 900	1986
1987	5.02 AT 22:36 EST ON APR 05	3.91 ON APR 06	0.136 ON JUN 27	16 000	1987
1988	4.07 AT 02:51 EST ON MAR 24	3.06 ON MAR 24	0.116 ON JUL 08	13 500	1988
1989	7.67 AT 12:23 EST ON MAR 15	6.49 ON MAR 15	0.146 ON JUL 31	14 000	1989
1990	11.7 AT 16:49 EST ON MAR 12	10.3 ON MAR 12 *	0.167 ON JUL 11	17 500	1990
				18 300	MEAN

B - ICE CONDITIONS * - EXTREME RECORDED FOR THE PERIOD OF RECORD

CREDIT RIVER WEST BRANCH AT NORVAL - STATION NO. 02HB008

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1960	---	---	---	---	---	---	---	---	---	0.398	0.626	0.380	---	1960
1961	0.271	1.80	3.04	2.94	1.39	0.752	0.484	0.800	0.493	0.499	0.556	0.742	1.14	1961
1962	1.17	0.624	2.52	1.58	0.624	0.367	0.358	0.297	0.307	---	---	---	---	1962
1963	0.614	0.515	3.16	0.967	1.12	0.547	0.374	0.377	0.373	0.295	0.388	0.382	0.764	1963
1964	0.463	0.344	1.59	1.81	1.16	0.489	0.512	0.443	0.279	0.292	0.328	0.561	0.691	1964
1965	0.914	2.75	1.46	5.08	1.19	0.445	0.457	0.368	0.331	0.710	1.06	1.35	1.33	1965
1966	1.06	1.29	2.46	1.59	1.14	0.660	0.312	0.303	0.240	0.273	0.602	1.35	0.939	1966
1967	1.03	0.708	1.84	1.27	1.19	1.48	1.33	0.696	0.524	1.06	1.09	1.55	1.34	1967
1968	0.767	2.05	4.12	1.78	1.24	0.835	0.554	1.17	0.915	0.825	1.61	1.45	1.44	1968
1969	1.24	1.37	2.94	3.75	1.77	0.708	0.783	0.651	0.329	0.454	0.823	0.546	1.28	1969
1970	0.470	0.610	1.30	3.26	1.25	0.625	0.658	0.469	0.597	0.713	1.15	1.47	1.05	1970
1971	0.876	1.07	1.93	4.27	1.04	1.11	0.856	0.854	0.566	0.483	0.549	1.41	1.25	1971
1972	0.964	0.679	1.32	6.16	1.63	1.16	0.862	0.486	0.431	0.827	1.20	1.41	1.42	1972
1973	1.79	1.57	5.41	2.62	1.93	1.05	0.516	0.504	0.456	0.615	1.16	0.976	1.55	1973
1974	1.79	1.31	2.81	2.98	3.44	1.37	0.625	0.442	0.411	0.442	0.795	0.602	1.42	1974
1975	0.976	1.91	3.13	3.64	1.78	0.893	0.529	0.658	0.669	0.617	0.867	1.09	1.39	1975
1976	0.791	2.80	5.22	3.17	2.35	0.958	1.05	0.666	1.15	0.946	0.769	0.552	1.70	1976
1977	0.417	0.580	3.98	2.25	0.713	0.559	0.500	0.704	1.44	1.93	1.87	2.06	1.42	1977
1978	1.20	1.02	2.09	4.96	2.31	0.813	0.442	0.443	0.898	0.679	0.760	0.815	1.37	1978
1979	0.823	0.593	5.69	5.22	3.05	1.14	0.609	0.625	0.593	0.610	1.21	1.99	1.85	1979
1980	1.23	0.540	2.29	3.40	1.52	1.01	0.872	0.505	0.502	0.676	0.577	0.966	1.17	1980
1981	0.436	2.91	1.53	1.17	0.825	0.537	0.662	0.601	1.10	1.56	1.48	0.861	1.10	1981
1982	0.849	0.627	3.58	5.29	1.09	2.06	0.840	0.662	0.773	0.739	1.65	2.82	1.75	1982
1983	1.54	1.95	2.12	3.03	2.84	1.19	0.666	0.666	0.500	0.772	1.19	1.30	1.48	1983
1984	0.685	3.33	2.81	3.83	1.80	1.24	0.653	0.596	0.785	0.617	1.16	1.39	1.56	1984
1985	1.06	2.51	5.62	4.78	1.42	0.887	0.808	0.989	1.05	0.905	3.10	1.69	2.06	1985
1986	1.33	0.989	3.27	1.96	1.41	1.03	1.49	1.57	4.61	3.23	1.72	1.89	2.05	1986
1987	1.22	1.14	3.17	3.43	1.03	0.691	0.725	0.388	0.544	0.564	0.846	1.34	1.26	1987
1988	0.822	1.02	2.16	1.79	1.01	0.425	0.517	0.443	0.533	0.529	1.08	0.744	0.931	1988
1989	0.964	0.627	1.74	1.61	1.20	1.60	0.492	0.359	0.343	0.458	0.919	0.400	0.892	1989
1990	1.04	1.74	2.98	1.47	1.57	0.671	0.491	0.649	0.419	0.983	1.21	2.59	1.32	1990
MEAN	0.960	1.37	2.90	3.11	1.53	0.910	0.668	0.613	0.739	0.793	1.08	1.22	1.34	MEAN

LOCATION - LAT 43 38 47 N LONG 079 51 57 W DRAINAGE AREA, 127 km² REGULATED

CREDIT RIVER WEST BRANCH AT NORVAL - STATION NO. 02HB008

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1960	---	---	---	---	1960
1961	---	10.4 B ON FEB 25	0.190B ON JAN 31	36 000	1961
1962	---	---	---	---	1962
1963	10.7 E AT 11:00 EST ON MAR 26	16.7 E ON MAR 26	0.178 ON OCT 27	24 100	1963
1964	6.06 AT 17:00 EST ON APR 29	5.27 ON APR 30	0.198 ON JUL 31	21 900	1964
1965	24.2 AT 16:15 EST ON FEB 10	12.5 ON FEB 11	0.258 ON JUL 31	41 800	1965
1966	6.51 AT 02:45 EST ON DEC 08	5.32 ON DEC 08	0.159 ON SEP 17 *	29 600	1966
1967	17.8 AT 13:30 EST ON APR 03	14.8 ON APR 03	0.337 ON SEP 17	42 300	1967
1968	12.2 AT 15:30 EST ON FEB 02	9.26 ON FEB 02	0.337 ON JUL 30	45 600	1968
1969	32.6 AT 13:17 EST ON JUL 28 *	8.41 ON MAR 25	0.280 ON SEP 14	40 300	1969
1970	9.12 AT 17:13 EST ON SEP 26	8.10 ON APR 09	0.326 ON AUG 29	33 000	1970
1971	9.32 AT 17:02 EST ON JUN 13	8.18 ON APR 10	0.360 ON AUG 08	39 400	1971
1972	19.5 AT 08:55 EST ON APR 14	18.0 ON APR 14	0.340 ON AUG 31	45 000	1972
1973	13.5 AT 13:02 EST ON MAR 12	12.3 ON MAR 12	0.334 ON SEP 11	49 000	1973
1974	23.2 AT 07:57 EST ON MAY 17	18.7 ON MAY 17	0.348 ON SEP 22	44 800	1974
1975	19.1 AT 14:29 EST ON APR 19	15.2 ON APR 19	0.371 ON AUG 02	43 800	1975
1976	18.8 AT 14:30 EST ON MAR 21	16.4 ON MAR 21	0.419 ON SEP 06	53 700	1976
1977	16.0 AT 14:48 EST ON MAR 13	14.4 ON MAR 13	0.294 ON JUL 28	44 900	1977
1978	11.7 AT 20:38 EST ON APR 02	9.37 ON APR 02	0.343 ON JUL 19	43 100	1978
1979	23.3 AT 09:45 EST ON APR 14	19.2 ON APR 14	0.396 ON SEP 09	58 500	1979
1980	19.3 AT 13:39 EST ON MAR 21	14.3 ON MAR 21	0.346 ON AUG 27	37 100	1980
1981	10.8 AT 14:01 EST ON FEB 19	10.1 ON FEB 19	0.301 ON JUL 24	34 700	1981
1982	27.9 AT 06:14 EST ON JUN 29	21.4 ON APR 01 *	0.394 ON SEP 10	55 200	1982
1983	15.7 AT 18:52 EST ON JUL 30	8.80 ON MAY 03	0.342 ON JUL 28	46 600	1983
1984	13.5 AT 10:22 EST ON APR 05	10.9 ON APR 06	0.415 ON AUG 26	49 400	1984
1985	17.9 AT 06:00 EST ON FEB 25	16.1 ON FEB 25	0.307E ON JUL 13	65 000	1985
1986	22.9 AT 19:12 EST ON SEP 29	15.9 ON SEP 11	0.442 ON JUL 11	64 600	1986
1987	11.6 AT 03:42 EST ON APR 06	10.4 ON APR 06	0.241 ON AUG 09	39 600	1987
1988	7.83 AT 14:58 EST ON MAR 26	6.91 ON MAR 26	0.301 ON JUL 10	29 400	1988
1989	7.99 AT 21:50 EST ON JUN 24	6.56 ON MAR 28	0.296 ON SEP 30	28 100	1989
1990	---	13.1 ON DEC 30	0.330 ON AUG 10	41 600	1990
				42 300	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

CROWE RIVER AT MARMORA - STATION NO. 02HK003

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1959	---	---	---	---	---	---	---	---	---	2.97	11.4	24.9	---	1959
1960	14.7	20.1	17.9	136	92.0	29.2	4.10	3.20	3.64	2.42	0.752	2.07	27.0	1960
1961	2.93	4.57	5.19	34.0	45.2	27.0	10.7	3.95	2.77	1.34	1.27	7.65	12.2	1961
1962	7.75	6.63	13.0	59.4	35.6	11.4	3.43	2.16	1.81	4.39	23.0	24.2	16.0	1962
1963	15.4	11.3	14.1	63.0	42.7	14.8	5.90	1.52	2.01	1.52	4.65	11.8	15.4	1963
1964	9.73	13.8	22.6	47.8	46.7	12.9	5.11	1.88	1.06	1.04	1.10	2.15	13.8	1964
1965	8.47	11.6	19.3	72.0	56.1	7.38	3.97	2.62	2.06	10.2	35.3	49.9	23.3	1965
1966	32.8	14.6	42.0	47.4	33.4	23.5	3.56	2.46	1.14	0.943	7.11	68.2	23.2	1966
1967	23.2	20.7	14.2	74.3	39.4	20.5	35.3	8.14	4.87	33.4	65.0	38.6	31.4	1967
1968	26.9	24.7	30.2	68.3	19.4	13.6	8.26	2.77	2.32	2.28	5.48	17.4	18.3	1968
1969	13.7	18.6	21.0	85.4	78.6	31.4	14.7	6.52	2.24	1.97	11.1	18.0	25.2	1969
1970	10.0	8.75	12.9	58.4	58.5	14.4	11.7	8.33	3.29	6.36	10.4	21.7	18.8	1970
1971	13.9	13.1	16.5	90.1	66.9	8.51	5.50	2.37	2.65	7.72	6.24	23.8	21.7	1971
1972	19.3	15.9	13.3	74.7	97.2	29.6	30.9	16.7	7.96	10.3	37.7	32.5	32.2	1972
1973	36.0	32.0	81.5	89.5	32.1	14.9	6.03	2.84	2.59	4.56	16.1	23.7	26.4	1973
1974	24.1	26.3	44.4	90.3	80.2	25.6	5.98	2.50	5.27	4.33	18.1	26.4	29.4	1974
1975	18.2	14.8	34.7	68.5	57.2	13.3	3.40	1.98	2.08	2.19	3.12	12.9	19.4	1975
1976	12.4	14.3	48.6	132	30.9	9.08	8.68	3.64	2.71	5.67	8.89	9.76	23.8	1976
1977	8.05	6.08	35.3	48.4	14.5	2.18	1.98	1.21	1.04	9.90	20.2	36.7	15.5	1977
1978	32.0	27.0	19.5	85.1	70.7	11.7	2.32	2.55	7.57	12.5	19.4	23.6	26.1	1978
1979	24.5	20.8	54.8	119	44.8	19.8	3.56	3.18	2.76	10.9	24.4	38.3	30.5	1979
1980	33.3	13.7	37.3	85.3	33.7	10.1	7.07	7.32	3.01	10.1	16.2	21.0	23.2	1980
1981	13.7	48.4	72.5	45.9	24.7	21.1	7.52	3.31	15.7	16.5	29.5	19.7	26.4	1981
1982	14.6	11.0	15.0	92.2	44.4	20.6	6.23	2.38	3.49	10.1	25.6	57.0	25.2	1982
1983	45.5	25.1	31.4	51.0	77.6	26.1	3.26	2.21	2.26	2.65	7.51	14.4	24.1	1983
1984	12.8	28.3	42.4	103	54.3	12.4	4.19	5.89	7.32	2.26	8.40	18.8	24.9	1984
1985	29.7	21.4	57.1	95.7	41.1	15.2	5.97	1.77	20.5	17.3	28.5	32.1	30.5	1985
1986	20.8	18.2	29.0	66.5	27.9	32.5	10.2	7.26	26.3	55.8	22.0	21.0	27.8	1986
1987	17.4	11.7	24.2	94.4	17.2	10.2	3.69	1.28	0.890	5.20	13.5	35.0	19.6	1987
1988	21.9	24.3	22.8	81.9	32.7	6.19	1.59	1.08	0.133	3.31	19.7	13.8	19.0	1988
1989	13.4	9.11	11.5	62.5	43.0	41.7	13.6	2.29	2.09	9.56	35.0	24.4	22.3	1989
1990	16.0	20.1	48.5	76.1	50.2	13.8	6.95	3.54	1.31	14.9	19.5	36.8	25.7	1990
MEAN	19.1	18.0	30.8	77.4	47.9	17.8	7.79	3.83	4.67	8.89	17.4	25.3	23.2	MEAN

LOCATION - LAT 44 28 54 N
LONG 077 41 08 W

DRAINAGE AREA, 1 990 km²
REGULATED

CROWE RIVER AT MARMORA - STATION NO. 02HK003

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1959	---	---	---	---	1959
1960	---	209 ON APR 21	0.303 ON OCT 10	855 000	1960
1961	---	62.0 ON APR 28	0.983 ON OCT 14	386 000	1961
1962	---	71.9 ON APR 12	1.30 ON JUL 22	506 000	1962
1963	---	93.4 ON APR 06	0.983 ON OCT 21	485 000	1963
1964	---	73.9 ON APR 25	0.810 ON OCT 04	436 000	1964
1965	---	122 ON APR 20	1.33 ON OCT 04	734 000	1965
1966	110 AT 20:30 EST ON DEC 14	109 ON DEC 14	0.821 ON OCT 17	732 000	1966
1967	87.2 AT 18:30 EST ON APR 22	85.2 ON APR 22	2.55 ON AUG 16	991 000	1967
1968	106 AT 03:10 EST ON APR 05	105 ON APR 05	1.56 ON OCT 26	579 000	1968
1969	116 AT 20:20 EST ON MAY 23	114 ON APR 21	1.74 ON OCT 05	796 000	1969
1970	104 AT 20:05 EST ON APR 27	103 ON APR 27	3.06 ON SEP 15	592 000	1970
1971	155 AT 10:01 EST ON APR 25	154 ON APR 25	1.78 ON NOV 09	685 000	1971
1972	136 AT 14:35 EST ON APR 26	136 ON APR 26	3.17 ON OCT 05	1 020 000	1972
1973	142 AT 00:30 EST ON APR 08	142 ON APR 08	1.83 ON OCT 08	897 000	1973
1974	119 AT 18:21 EST ON APR 20	118 ON APR 19	2.30 ON SEP 14	928 000	1974
1975	124 AT 00:41 EST ON APR 27	124 ON APR 26	1.06 ON SEP 14	611 000	1975
1976	229 AT 16:02 EST ON APR 04 *	227 ON APR 05 *	2.12 ON SEP 25	753 000	1976
1977	75.0 AT 23:06 EST ON MAR 19	73.9 ON MAR 20	0.779 ON JUL 30	489 000	1977
1978	134 AT 09:07 EST ON APR 29	134 ON APR 29	1.27 ON AUG 21	824 000	1978
1979	160 AT 11:15 EST ON APR 06	178 ON APR 06	1.79 ON AUG 08	962 000	1979
1980	122 AT 21:28 EST ON APR 18	121 ON APR 18	1.56 ON SEP 18	733 000	1980
1981	190 AT 03:05 EST ON FEB 27	189 ON FEB 27	2.25 ON AUG 05	831 000	1981
1982	156 AT 16:23 EST ON APR 24	155 ON APR 24	1.83 ON SEP 11	796 000	1982
1983	101 AT 08:35 EST ON MAY 10	100 ON MAY 10	1.46 ON OCT 18	760 000	1983
1984	130 AT 11:59 EST ON APR 10	128 ON APR 10	1.71 ON OCT 24	789 000	1984
1985	116 AT 18:34 EST ON APR 25	116 ON APR 25	1.53 ON JUL 14	962 000	1985
1986	102 AT 16:29 EST ON APR 04	102 ON APR 04	2.43 ON JUL 31	876 000	1986
1987	167 AT 08:00 EST ON APR 10	166 ON APR 10	0.603 ON SEP 18	617 000	1987
1988	115 AT 01:49 EST ON APR 08	114 ON APR 07	0.097 ON SEP 29 *	601 000	1988
1989	95.7 AT 19:10 EST ON APR 10	92.4 ON APR 10	0.910 ON SEP 13	704 000	1989
1990	88.2 AT 04:25 EST ON APR 11	87.7 ON APR 11	1.08 ON SEP 18	810 000	1990
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		734 000	MEAN

CROWE RIVER NEAR GLEN ALDA - STATION NO. 02HK005

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1968	---	---	---	17.7	6.64	4.02	2.32	1.05	1.18	0.958	1.62	3.16	---	1968
1969	2.78	3.79	3.95	23.4	19.5	10.1	5.35	3.50	1.30	1.42	3.34	3.30	6.81	1969
1970	3.45	2.78	2.95	14.4	16.4	5.04	5.57	3.34	1.98	1.76	2.11	3.54	5.30	1970
1971	3.93	3.98	5.68	24.4	19.1	4.48	3.07	1.59	1.35	1.43	1.43	3.38	6.00	1971
1972	3.38	3.31	3.34	15.6	27.8	14.6	11.9	4.29	2.59	2.96	6.30	6.52	8.56	1972
1973	8.88	7.39	10.2	25.6	21.0	5.68	5.79	2.61	1.36	1.75	2.90	3.91	7.65	1973
1974	4.81	7.31	10.0	24.8	21.7	6.98	2.61	2.08	1.51	2.21	4.39	5.13	7.78	1974
1975	3.50	3.49	5.14	18.3	17.1	5.05	1.92	0.870	1.23	0.558	1.41	2.37	5.07	1975
1976	2.40	2.52	10.0	37.4	10.5	4.32	4.25	2.03	1.76	2.33	2.18	4.20	6.80	1976
1977	1.98	1.88	7.08	14.9	5.23	2.03	0.967	0.517	0.759	2.05	3.86	4.36	4.13	1977
1978	6.68	5.53	4.27	18.0	22.4	5.29	2.09	1.44	2.16	3.38	3.85	5.65	6.74	1978
1979	5.57	4.65	11.6	32.8	14.3	7.50	2.68	1.72	0.973	3.43	5.89	11.7	8.57	1979
1980	8.79	4.45	6.62	24.4	9.66	4.05	3.66	3.04	1.82	2.92	4.22	4.42	6.49	1980
1981	3.80	9.80	19.5	16.9	8.47	4.88	2.15	1.14	2.98	3.02	4.21	4.07	6.72	1981
1982	3.12	6.57	7.46	22.5	13.7	6.52	3.14	1.45	1.47	2.82	5.84	16.3	6.93	1982
1983	12.2	6.17	7.19	14.3	22.8	7.51	2.14	0.842	0.271	1.84	2.20	2.67	6.70	1983
1984	2.70	4.27	9.93	28.3	14.3	5.01	1.54	0.765	0.651	0.531	2.67	3.91	6.19	1984
1985	6.70	6.28	10.9	25.7	14.0	4.91	2.08	0.756	3.07	3.77	6.50	9.33	7.82	1985
1986	5.04	4.13	5.84	19.6	9.02	3.73	2.52	2.23	5.23	13.4	6.09	4.28	7.33	1986
1987	3.55	2.84	4.38	24.4	6.23	3.92	2.19	2.10	0.499	1.51	3.45	7.55	5.12	1987
1988	5.09	4.83	5.16	24.1	10.3	3.06	0.450	0.226	0.183	0.944	3.69	3.48	5.09	1988
1989	3.30	2.87	2.88	17.3	13.2	8.43	3.19	0.524	0.384	1.65	5.39	5.33	5.36	1989
1990	4.15	4.63	11.2	19.9	14.3	4.75	3.50	0.825	0.357	3.42	4.49	9.40	6.75	1990
MEAN	4.82	4.52	7.60	21.9	14.3	5.99	3.18	1.65	1.52	2.65	3.83	5.61	6.54	MEAN

LOCATION - LAT 44 50 40 N DRAINAGE AREA, 456 km²
LONG 077 55 52 W REGULATED

CROWE RIVER NEAR GLEN ALDA - STATION NO. 02HK005

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1968	---	---	---	---	1968
1969	37.4 AT 09:15 EST ON APR 19	37.1 ON APR 19	0.600 ON OCT 11	215 000	1969
1970	36.0 AT 20:59 EST ON APR 27	36.0 ON APR 27	1.15 ON SEP 25	167 000	1970
1971	46.7 AT 22:20 EST ON APR 19	45.3 ON APR 19	0.527 ON SEP 13	189 000	1971
1972	43.3 AT 04:30 EST ON MAY 05	43.0 ON MAY 04	1.94 A ON SEP 29	271 000	1972
1973	43.3 AT 03:56 EST ON APR 05	43.0 ON APR 05	0.934 ON OCT 02	241 000	1973
1974	39.9 AT 21:50 EST ON APR 18	39.4 ON APR 18	1.19 ON SEP 24	245 000	1974
1975	41.6 AT 22:21 EST ON APR 27	41.3 ON APR 27	0.309 ON OCT 10	160 000	1975
1976	68.8 AT 07:37 EST ON APR 05 *	67.4 ON APR 05 *	1.24 ON SEP 17	215 000	1976
1977	19.9 AT 05:00 EST ON APR 08	19.7 ON APR 08	0.099 ON SEP 19 *	130 000	1977
1978	45.3 AT 05:48 EST ON APR 28	45.0 ON APR 28	1.00 ON AUG 15	212 000	1978
1979	48.7 AT 00:28 EST ON APR 07	47.9 ON APR 05	0.335 ON OCT 04	270 000	1979
1980	41.3 AT 03:00 EST ON APR 16	41.1 ON APR 16	1.17 ON SEP 09	205 000	1980
1981	44.4 AT 16:46 EST ON MAR 01	44.1 ON MAR 01	0.795 ON AUG 28	212 000	1981
1982	43.3 AT 23:22 EST ON APR 25	43.0 ON APR 25	1.08 ON AUG 18	219 000	1982
1983	36.5 AT 18:55 EST ON MAY 10	36.0 ON MAY 11	0.232 ON OCT 04	211 000	1983
1984	42.1 AT 18:32 EST ON APR 17	41.7 ON APR 17	0.378 ON OCT 04	196 000	1984
1985	42.3 AT 09:09 EST ON APR 24	42.2 ON APR 24	0.359 ON AUG 25	247 000	1985
1986	30.9 AT 18:42 EST ON APR 08	30.8 ON APR 08	1.37 ON SEP 04	231 000	1986
1987	47.2 AT 16:13 EST ON APR 09	47.0 ON APR 09	0.312 ON SEP 19	161 000	1987
1988	36.2 AT 23:32 EST ON APR 09	36.0 ON APR 09	0.143 ON SEP 14	161 000	1988
1989	25.3 AT 21:01 EST ON APR 08	23.5 ON APR 09	0.193 ON SEP 14	169 000	1989
1990	25.6 AT 18:33 EST ON MAR 25	24.4 ON APR 26	0.267 ON SEP 29	213 000	1990
				206 000	MEAN

A - MANUAL GAUGE
(SEE REFERENCE INDEX)

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

CURRENT RIVER AT STEPSTONE - STATION NO. 02AB021

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1989	2.07	1.37	0.889	9.15	22.1	4.57	3.06	0.911	0.821	0.582	0.681	0.501	3.91	1989
1990	0.366	0.234	0.410	7.39	9.15	6.82	2.83	0.975	0.553	3.03	3.35	1.52	3.06	1990
MEAN	1.22	0.802	0.650	8.27	15.6	5.70	2.95	0.943	0.687	1.81	2.02	1.01	3.49	MEAN

LOCATION - LAT 48 33 45 N DRAINAGE AREA, 392 km²
LONG 089 14 27 W NATURAL FLOW

REMARKS - STATION ACTIVATED NOV 1988 TO REPLACE STATION 02AB015

CURRENT RIVER AT STEPSTONE - STATION NO. 02AB021

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1989	52.1 AT 02:13 EST ON MAY 06 *	48.8 ON MAY 05 *	0.425B ON DEC 31	123 000	1989
1990	28.5 AT 10:55 EST ON APR 29	28.0 ON APR 29	0.160B ON MAR 13 *	96 500	1990
				110 000	MEAN

B - ICE CONDITIONS

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

CURRENT RIVER NEAR STEPSTONE - STATION NO. 02AB015

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1972	1.50	0.909	0.876	6.51	28.7	6.08	4.18	2.22	0.969	1.09	2.18	2.25	4.82	1972
1973	1.51	1.37	1.55	17.3	14.1	5.04	2.16	1.72	4.47	6.67	6.77	5.33	5.67	1973
1974	1.63	1.07	1.23	10.3	24.4	11.5	5.27	3.08	4.83	6.34	5.44	3.28	6.56	1974
1975	2.67	2.09	1.31	8.60	18.2	4.03	2.43	0.878	0.556	0.520	0.915	1.62	3.66	1975
1976	1.51	1.11	1.07	35.0	11.2	4.40	3.11	1.01	0.490	0.367	0.344	0.421	4.97	1976
1977	0.329	0.297	0.928	8.26	6.89	3.01	2.17	1.65	23.5	13.2	6.82	4.19	6.00	1977
1978	1.92	0.999	0.817	4.12	20.3	9.31	2.10	0.968	0.897	0.991	0.816	0.622	3.45	1978
1979	0.506	0.534	0.911	11.7	28.2	5.45	1.45	0.732	1.98	1.10	4.07	2.22	4.94	1979
1980	1.30	1.12	0.888	13.8	10.9	2.10	0.807	0.842	8.03	8.64	5.50	2.15	4.66	1980
1981	1.18	0.935	1.11	21.1	9.78	10.7	2.83	0.545	0.325	1.07	1.43	1.17	4.33	1981
1982	0.904	0.648	0.502	11.7	22.4	3.08	5.52	5.21	1.50	11.1	13.4	4.80	6.77	1982
1983	1.85	1.44	2.01	9.65	19.2	7.85	4.50	0.778	0.583	4.78	6.59	4.42	5.33	1983
1984	1.63	1.15	0.807	14.6	14.9	10.8	4.77	1.86	0.890	3.22	4.61	7.70	5.58	1984
1985	2.54	1.03	0.735	13.1	19.5	10.8	3.95	3.06	4.78	15.9	7.85	2.15	7.15	1985
1986	1.19	0.962	0.925	25.7	16.4	---	---	---	---	---	---	---	---	1986
MEAN	1.48	1.04	1.04	14.1	17.7	6.57	3.23	1.75	3.84	5.36	4.77	3.02	5.28	MEAN

LOCATION - LAT 48 32 10 N LONG 089 14 10 W
DRAINAGE AREA, 492 km²
REGULATED SINCE 1972

REMARKS - NO DATA FOR 1987 DUE TO BRIDGE CONSTRUCTION AT SITE. STATION DISCONTINUED SEPT. 1988

CURRENT RIVER NEAR STEPSTONE - STATION NO. 02AB015

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1972	---	75.9 ON MAY 02	0.668B ON MAR 16	152 000	1972
1973	---	49.3 ON APR 23	1.09 ON MAR 06	179 000	1973
1974	---	44.5 ON APR 29	0.878B ON FEB 02	207 000	1974
1975	---	39.4 ON MAY 02	0.419 ON OCT 05	116 000	1975
1976	---	115 ON APR 19 *	0.317 ON NOV 11	157 000	1976
1977	---	47.0 ON SEP 25	0.252 ON JAN 24	189 000	1977
1978	---	33.4 ON MAY 06	0.555B ON DEC 31	109 000	1978
1979	59.8 AT 03:36 EST ON MAY 12 *	59.3 ON MAY 12	0.437B ON FEB 17	156 000	1979
1980	43.0 AT 23:57 EST ON APR 26	42.6 ON APR 26	0.489 ON AUG 10	147 000	1980
1981	40.6 AT 13:36 EST ON APR 18	40.2 ON APR 18	0.238 ON SEP 24 *	137 000	1981
1982	58.8 AT 16:01 EST ON APR 26	56.4 ON APR 26	0.480B ON MAR 19	214 000	1982
1983	49.7 AT 19:03 EST ON APR 29	49.0 ON APR 29	0.300 ON SEP 08	168 000	1983
1984	39.0 AT 03:57 EST ON MAY 10	38.4 ON MAY 10	0.715B ON MAR 27	177 000	1984
1985	---	65.1E ON MAY 05	0.708B ON MAR 19	225 000	1985
1986	---	---	---	---	1986
				167 000	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

DODD CREEK BELOW PAYNES MILLS - STATION NO. 02GC031

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1988	0.424	1.48	1.44	0.561	0.224	0.063	0.090	0.062	0.097	0.423	1.98	0.793	0.632	1988
1989	0.455	0.217	0.995	1.36	0.395	0.532	0.283	0.070	0.060	0.101	0.452	0.097	0.418	1989
1990	3.32	3.42	2.62	1.43	0.984	0.357	0.143	0.651	1.26	1.59	1.72	3.57	1.75	1990
MEAN	1.40	1.71	1.69	1.12	0.534	0.317	0.172	0.261	0.472	0.705	1.38	1.49	0.933	MEAN

LOCATION - LAT 42 47 12 N LONG 081 16 03 W
DRAINAGE AREA, 95.4 km²
NATURAL FLOW

REMARKS - STATION ACTIVATED DEC 1987

DODD CREEK BELOW PAYNES MILLS - STATION NO. 02GC031

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1988	16.0 AT 06:02 EST ON NOV 21	13.5 ON NOV 21	0.010E ON JUL 07	20 000	1988
1989	13.6 AT 14:36 EST ON MAR 18	7.55 ON MAR 18	0 ON JUL 17 *	13 200	1989
1990	45.3 AT 00:41 EST ON FEB 23 *	28.2 ON FEB 23 *	0.008 ON AUG 09	55 100	1990
				29 400	MEAN

E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

DEDRICK CREEK NEAR PORT ROWAN - STATION NO. 02GC013

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1963	---	---	---	---	---	---	---	---	---	0.168	0.234	0.236	---	1963
1964	0.669	0.531	1.71	1.53	0.827	0.278	0.196	1.35	0.321	0.243	0.274	0.922	0.740	1964
1965	1.30	2.60	2.99	1.97	0.556	0.264	0.161	0.183	0.224	0.535	0.704	1.02	1.03	1965
1966	0.600	1.32	1.84	1.02	0.729	0.345	0.107	0.138	0.196	0.197	0.541	1.68	0.724	1966
1967	1.20	0.764	1.31	1.70	1.15	0.477	0.468	0.398	0.225	0.623	1.04	1.03	0.866	1967
1968	0.743	1.61	1.56	1.02	0.704	0.913	0.388	0.402	0.315	0.328	1.24	1.45	0.885	1968
1969	2.76	1.26	1.02	2.86	1.68	0.783	0.727	0.265	0.175	0.211	0.861	1.06	1.14	1969
1970	0.514	1.04	1.62	1.53	0.704	0.276	0.172	0.101	0.170	0.281	1.52	1.26	0.762	1970
1971	0.487	0.977	2.07	1.29	0.609	0.341	0.102	0.092	0.132	0.140	0.170	0.412	0.566	1971
1972	0.736	0.291	2.41	1.86	0.914	0.381	0.302	0.185	0.172	0.308	0.954	1.65	0.850	1972
1973	0.877	0.727	3.26	1.39	0.980	0.768	0.226	0.158	0.145	0.313	1.07	1.37	0.943	1973
1974	1.67	1.25	2.32	2.00	2.19	0.666	0.310	0.204	0.197	0.236	0.622	1.13	1.07	1974
1975	1.37	1.60	2.08	1.10	0.552	0.551	0.197	0.209	0.781	0.464	0.872	1.67	0.949	1975
1976	1.22	3.28	3.89	1.46	1.18	0.346	0.291	0.377	0.226	0.300	0.407	0.367	1.11	1976
1977	0.280	0.362	2.82	2.55	0.608	0.293	0.337	0.251	2.23	1.17	1.14	3.06	1.26	1977
1978	1.25	0.572	3.45	2.21	1.27	0.481	0.162	0.277	0.301	0.958	0.783	0.957	1.06	1978
1979	1.09	1.05	2.81	2.94	0.942	0.382	0.270	0.244	0.268	0.506	1.14	1.89	1.13	1979
1980	1.04	0.481	1.78	2.43	1.17	0.804	1.81	0.632	0.851	0.847	0.762	0.934	1.13	1980
1981	0.341	2.20	1.06	1.37	0.870	0.749	0.576	0.332	0.891	1.11	0.809	0.668	0.904	1981
1982	0.849	0.417	3.70	2.15	0.900	1.16	0.277	0.146	0.243	0.378	1.68	2.37	1.19	1982
1983	0.967	1.44	1.15	1.71	1.78	0.789	1.16	0.841	0.424	0.616	0.904	1.90	1.14	1983
1984	0.503	2.87	2.00	2.07	---	---	---	---	---	---	---	---	---	1984
MEAN	0.975	1.27	2.23	1.82	1.02	0.552	0.412	0.339	0.424	0.473	0.844	1.29	0.972	MEAN

LOCATION - LAT 42 37 41 N LONG 080 28 20 W DRAINAGE AREA, 75.9 km² REGULATED

REMARKS - REGULATION BY PUMPING DURING SUMMER MONTHS. STATION DISCONTINUED MAY 3,1984

DEDRICK CREEK NEAR PORT ROWAN - STATION NO. 02GC013

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1963	---	---	---	---	1963
1964	7.48 AT 14:30 EST ON MAR 26	7.22 ON AUG 23	0.068 ON JUL 31	23 400	1964
1965	---	17.1 ON MAR 06	0.108 ON AUG 01	32 600	1965
1966	9.74B AT 11:00 EST ON FEB 11	7.76 ON DEC 08	0.074 ON JUL 26	22 800	1966
1967	5.69 AT 13:15 EST ON APR 06	4.47 ON APR 06	0.153 ON SEP 20	27 300	1967
1968	11.4 AT 11:00 EST ON FEB 02	9.66 ON FEB 02	0.142 ON AUG 03	28 000	1968
1969	24.4 AT 21:30 EST ON JAN 30	15.8 ON JAN 31	0.144 ON SEP 04	35 900	1969
1970	6.46 AT 08:37 EST ON NOV 04	5.24 ON NOV 04	0.045B ON JAN 21	24 000	1970
1971	6.06 AT 04:00 EST ON MAR 16	5.69 ON MAR 16	0.045 ON AUG 08	17 800	1971
1972	17.4 AT 09:15 EST ON MAR 14	6.54 ON MAR 14	0.082 ON AUG 23	26 900	1972
1973	8.95 AT 01:27 EST ON MAR 18	8.10 ON MAR 15	0.091 ON JUL 19	29 700	1973
1974	11.2 AT 02:20 EST ON MAY 13	9.15 ON MAY 13	0.091 ON SEP 12	33 700	1974
1975	9.03 AT 17:23 EST ON FEB 24	7.11 ON FEB 24	0.068 ON AUG 01	29 900	1975
1976	20.6 AT 09:00 EST ON MAR 05	18.1 ON MAR 05	0.144 ON SEP 09	35 000	1976
1977	40.5 AT 13:58 EST ON SEP 26 *	21.7 ON SEP 26 *	0.096 ON JUL 27	39 800	1977
1978	21.3 AT 19:25 EST ON MAR 22	16.5 ON MAR 22	0.068 ON JUL 20	33 500	1978
1979	15.7 AT 21:10 EST ON DEC 25	11.2 ON MAR 05	0.124 ON JUL 24	35 600	1979
1980	34.1 AT 14:54 EST ON JUL 22	14.0 ON JUL 22	0.290 ON AUG 29	35 800	1980
1981	6.38 AT 01:00 EST ON FEB 24	6.03 ON FEB 20	0.089 ON JUL 25 *	28 500	1981
1982	17.5 AT 20:58 EST ON MAR 13	12.1 ON MAR 14	0 ON JUL 23 *	37 700	1982
1983	7.49 AT 14:29 EST ON FEB 03	6.16 ON FEB 03	0.068 ON JUL 14	35 900	1983
1984	19.9 AT 12:56 EST ON FEB 14	17.5 ON FEB 14	---	---	1984
	B - ICE CONDITIONS	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		30 700	MEAN

DEE RIVER AT DEE BANK - STATION NO. 02EB105

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1969	---	---	---	---	5.60	---	0.638	0.127	0.030	0.483	4.50	1.99	---	1969
1970	---	---	1.06	9.05	3.33	0.479	1.37	1.32	0.492	2.39	1.67	1.11	---	1970
1971	1.23	1.05	2.47	11.7	---	---	---	0.040	0.187	0.598	1.52	4.10	---	1971
1972	---	---	---	9.26	4.20	0.573	0.769	1.58	0.457	1.42	---	---	---	1972
MEAN	1.23	1.05	1.77	10.0	4.38	0.526	0.926	0.767	0.292	1.22	2.56	2.40	---	MEAN

LOCATION - LAT 45 10 44 N LONG 079 31 25 W DRAINAGE AREA, 155 km² NATURAL FLOW

DATA CONTRIBUTED BY - ONTARIO MINISTRY OF THE ENVIRONMENT

DEE RIVER AT DEE BANK - STATION NO. 02EB105

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1969	---	---	---	---	1969
1970	---	19.3E ON APR 23	0.249 ON AUG 30 *	---	1970
1971	---	---	---	---	1971
1972	---	20.4E ON APR 21 *	---	---	1972
	E - ESTIMATED	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		---	MEAN

DEMORESTVILLE CREEK AT DEMORESTVILLE - STATION NO. 02HE003

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1970	0.087	0.173	1.53	1.23	0.424	0.055	0.052	0	0	0.002	0.458	0.659	0.391	1970
1971	0.269	0.256	1.47	2.98	0.214	0.003	0	0	0	0	0	0.043	0.434	1971
1972	0.084	0.131	0.452	2.52	0.358	0.032	0.010	0.005	0.001	0.054	0.664	0.850	0.428	1972
1973	0.731	0.749	1.59	0.695	0.193	0.064	0.008	0.001	0.001	0.004	0.035	0.162	0.351	1973
1974	0.667	0.561	0.696	1.53	0.577	0.141	0.045	0.001	0	0.001	0.053	0.226	0.373	1974
1975	0.814	0.463	1.87	0.882	0.157	0.007	0	0.001	0.004	0.011	0.069	0.346	0.387	1975
1976	0.184	1.54	2.33	0.705	0.519	0.149	0.031	0.007	0.003	0.020	0.038	0.089	0.465	1976
1977	0.028	0.037	2.54	0.635	0.145	0.008	---	---	---	---	---	---	---	1977
MEAN	0.358	0.489	1.56	1.40	0.323	0.057	0.021	0.002	0.001	0.013	0.188	0.339	0.404	MEAN

LOCATION - LAT 44 05 26 N LONG 077 12 38 W DRAINAGE AREA, 29.3 km² NATURAL FLOW

DEMORESTVILLE CREEK AT DEMORESTVILLE - STATION NO. 02HE003

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1970	7.67 AT 19:00 EST ON MAR 27	6.46 ON MAR 27	0 ON JUN 16 *	12 300	1970
1971	6.97 AT 10:20 EST ON APR 08	5.92 ON APR 10	0 ON MAY 23	13 700	1971
1972	8.18 AT 17:49 EST ON APR 03	7.02 ON APR 03	0 ON JUL 30	13 500	1972
1973	4.96 AT 12:54 EST ON MAR 17	3.82 ON MAR 17	0 ON JUL 22	11 100	1973
1974	7.16 AT 21:29 EST ON APR 04	6.80 ON APR 04	0 ON AUG 11	11 700	1974
1975	5.66 AT 08:48 EST ON MAR 21	5.04 ON MAR 20	0 ON JUL 02	12 200	1975
1976	6.51 AT 10:47 EST ON MAR 24	4.90 ON MAR 23	0 ON AUG 25	14 700	1976
1977	9.03 AT 09:39 EST ON MAR 11 *	8.04 ON MAR 13 *	0.001 ON MAY 27	---	1977
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		12 700	MEAN

DEPOT CREEK AT BELLROCK - STATION NO. 02HM002

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1957	1.47	1.44	4.14	5.12	2.11	0.982	0.605	0.203	0.012	0.006	0.046	2.72	1.57	1957
1958	2.45	0.806	2.27	5.48	3.32	1.06	1.61	0.795	0.089	1.57	0.210	0.423	1.75	1958
1959	0.400	0.480	3.04	11.4	0.730	0.011	0.570	0.464	0.551	0.895	3.05	3.90	2.12	1959
1960	1.98	2.27	1.76	12.8	1.92	0.543	0.609	0.890	0.575	0.360	0.263	0.214	2.00	1960
1961	0.192	0.187	0.899	4.81	3.77	1.25	0.550	1.26	0.852	0.909	0.596	0.678	1.33	1961
1962	0.604	0.494	2.35	7.34	0.966	0.495	0.824	0.602	0.417	0.343	0.567	2.40	1.45	1962
1963	1.15	0.780	2.04	4.42	2.74	1.18	0.808	0.670	0.487	0.646	0.549	1.39	1.41	1963
1964	1.98	2.72	2.13	4.92	1.69	0.612	0.544	0.616	0.542	0.431	0.292	0.304	1.39	1964
1965	0.344	3.01	2.59	7.33	1.30	0.367	0.582	0.570	0.443	0.945	4.67	4.71	2.22	1965
1966	2.86	1.93	4.27	2.25	0.842	0.580	0.632	0.529	0.423	0.338	1.56	6.43	1.89	1966
1967	2.57	2.37	1.52	4.49	1.43	0.854	0.662	0.645	0.556	1.07	3.64	2.96	1.89	1967
1968	2.09	1.95	2.42	3.14	0.661	1.31	1.04	1.23	1.47	1.01	1.30	3.39	1.75	1968
1969	1.79	2.27	2.95	6.92	6.04	0.987	0.710	0.694	0.548	0.684	1.76	1.62	2.24	1969
1970	1.02	0.683	1.46	5.77	1.86	0.724	0.633	0.551	0.487	0.429	0.758	2.30	1.39	1970
1971	1.87	1.90	3.41	8.91	1.63	0.660	0.504	0.577	0.509	0.350	0.283	0.505	1.75	1971
1972	1.72	1.72	1.43	8.85	2.36	1.97	1.60	1.18	0.863	0.776	2.47	4.42	2.44	1972
1973	4.42	4.06	6.24	4.50	1.59	0.638	0.682	0.658	0.650	0.474	0.541	0.870	2.10	1973
1974	2.10	2.18	4.95	6.48	3.58	0.777	0.733	0.780	0.774	0.747	0.793	1.20	2.09	1974
1975	2.79	2.04	3.38	5.35	0.895	0.846	0.939	1.42	1.57	0.702	0.542	1.18	1.80	1975
1976	1.91	3.00	7.00	4.78	2.10	1.08	1.54	1.43	1.06	0.762	0.551	0.371	2.13	1976
1977	0.391	0.437	3.09	2.61	1.43	1.57	1.62	1.47	0.908	0.764	0.759	1.26	1.37	1977
1978	4.47	5.35	1.75	4.68	0.702	1.31	1.31	1.41	1.05	1.58	0.638	0.654	2.03	1978
1979	0.782	0.644	4.37	4.67	1.64	1.57	1.49	1.47	1.29	1.04	0.891	1.81	1.81	1979
1980	2.35	2.00	2.29	4.02	3.24	1.31	1.37	1.40	1.27	1.11	1.00	1.61	1.91	1980
1981	1.28	4.47	3.35	0.782	1.47	2.11	1.37	1.70	5.83	4.43	2.30	3.67	2.72	1981
1982	1.70	1.40	2.00	5.85	1.94	1.76	1.36	1.38	1.78	1.50	1.50	2.95	2.09	1982
1983	4.97	2.04	2.45	2.44	5.04	1.81	1.44	1.69	1.22	0.992	1.56	3.73	2.46	1983
1984	4.02	3.47	4.89	3.81	2.59	1.82	1.66	1.71	1.33	1.06	0.752	0.775	2.32	1984
1985	1.34	2.27	4.21	3.28	0.708	0.750	1.40	1.08	1.66	1.79	2.72	4.11	2.11	1985
1986	3.24	1.76	3.39	1.25	1.19	1.33	1.28	2.06	3.50	4.22	4.15	4.00	2.62	1986
1987	2.78	1.39	2.63	3.62	1.24	2.08	1.57	1.30	1.04	0.556	1.47	1.36	1.92	1987
1988	5.13	1.85	2.97	2.70	1.67	0.908	1.07	1.07	1.02	0.828	0.650	0.655	1.71	1988
1989	0.802	0.976	1.98	3.18	3.08	1.12	1.17	1.20	0.554	0.824	1.23	1.31	1.45	1989
1990	1.91	2.87	3.48	4.39	3.30	1.49	1.10	0.976	1.04	1.79	1.03	2.58	2.16	1990
MEAN	2.08	1.98	3.03	5.07	2.08	1.11	1.05	1.05	1.09	1.06	1.33	2.19	1.92	MEAN

LOCATION - LAT 44 28 17 N LONG 076 45 46 W DRAINAGE AREA, 189 km² REGULATED SINCE 1957

DEPOT CREEK AT BELLROCK - STATION NO. 02HM002

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1957	---	8.47 ON APR 10	0 ON SEP 27 *	49 600	1957
1958	---	9.17 ON APR 09	0.042B ON DEC 31	55 100	1958
1959	---	21.2 ON APR 09 *	0 ON JUN 10	66 800	1959
1960	---	18.2 ON APR 05	0.147 ON DEC 07	63 200	1960
1961	---	8.64 ON APR 12	0.079 ON JUL 04	42 000	1961
1962	---	12.1 ON APR 10	0.195 ON OCT 21	45 700	1962
1963	---	10.3 ON APR 06	0.394 ON SEP 24	44 400	1963
1964	---	7.48 ON APR 15	0.212 ON DEC 11	43 900	1964
1965	---	14.4 ON APR 17	0.227 ON JAN 06	70 100	1965
1966	---	12.1 ON DEC 12	0.266 ON OCT 28	59 700	1966
1967	---	7.53 ON APR 03	0.343 ON OCT 07	59 600	1967
1968	---	6.97 ON APR 05	0.173 ON OCT 18	55 300	1968
1969	---	15.1 ON MAY 22	0.051 ON OCT 04	70 700	1969
1970	---	7.82 ON APR 10	0.190B ON FEB 20	43 800	1970
1971	15.1 AT 08:49 EST ON APR 18	14.9 ON APR 18	0.153 ON DEC 05	55 200	1971
1972	18.6 AT 18:00 EST ON APR 20 *	18.4 ON APR 20	0.612 ON OCT 20	77 100	1972
1973	10.8 AT 00:51 EST ON MAR 21	10.8 ON MAR 21	0.405 ON OCT 28	66 200	1973
1974	13.1 AT 10:45 EST ON APR 05	12.9 ON APR 05	0.345 ON OCT 05	65 900	1974
1975	9.83 AT 14:10 EST ON APR 19	9.37 ON APR 20	0.343 ON NOV 01	56 700	1975
1976	13.5 AT 01:39 EST ON APR 04	13.4 ON APR 03	0.139 ON NOV 24	67 400	1976
1977	---	9.63B ON MAR 14	0.357B ON FEB 07	43 100	1977
1978	---	7.36B ON FEB 09	0.021 ON OCT 05	64 100	1978
1979	10.8 AT 11:15 EST ON APR 09	10.3 ON APR 09	0.441 ON APR 26	57 200	1979
1980	---	11.8 B ON MAR 22	0.580B ON MAR 16	60 500	1980
1981	---	11.7 B ON FEB 21	0.511 ON MAY 01	85 900	1981
1982	9.95 AT 09:16 EST ON APR 03	9.31 ON APR 02	1.11 ON AUG 06	66 000	1982
1983	---	9.41E ON MAY 08	0.752E ON NOV 10	77 600	1983
1984	7.88 AT 16:10 EST ON APR 06	7.73 ON APR 06	0.573 ON DEC 11	73 400	1984
1985	6.73 AT 16:36 EST ON MAR 14	6.69 ON MAR 14	0.415 ON JUN 11	66 500	1985
1986	---	7.15B ON MAR 20	0.209 ON MAY 15	82 700	1986
1987	7.13 AT 10:22 EST ON DEC 01	6.97 ON DEC 01	0.029 ON OCT 06	60 600	1987
1988	9.43 AT 04:28 EST ON MAR 27	9.09 ON MAR 27	0.470 ON JUN 21	54 200	1988
1989	7.91 AT 13:43 EST ON MAR 29	7.40 ON MAR 29	0.406 ON SEP 21	45 900	1989
1990	---	6.53B ON DEC 31	0.493 ON SEP 03	68 100	1990
				60 700	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

DINGMAN CREEK BELOW LAMBETH - STATION NO. 02GE005

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1965	---	---	---	---	---	---	---	---	---	---	---	2.03	---	1965
1966	0.598	1.83	2.53	1.62	0.654	0.482	0.059	0.060	0.068	0.094	0.685	3.47	1.01	1966
1967	1.11	0.708	3.68	3.93	1.17	0.854	0.389	0.246	0.102	0.757	2.33	2.93	1.52	1967
1968	1.49	5.51	3.55	1.12	0.337	1.18	0.651	0.618	0.666	0.841	1.56	1.52	1.57	1968
1969	5.04	2.20	2.10	3.46	2.55	1.21	0.143	0.050	0.049	0.109	0.876	0.909	1.55	1969
1970	0.429	0.981	3.05	2.33	0.508	0.156	0.782	0.132	0.111	0.236	2.37	2.29	1.11	1970
1971	0.533	1.65	4.73	1.46	0.230	0.087	0.059	0.037	0.028	0.024	0.054	0.232	0.757	1971
1972	0.537	0.136	4.86	3.53	0.758	0.426	0.212	0.951	0.143	0.655	1.96	2.42	1.39	1972
1973	1.89	0.765	6.54	1.37	0.990	0.791	0.152	0.153	0.059	0.162	1.55	1.36	1.30	1973
1974	4.29	2.64	3.23	2.21	2.85	0.602	0.411	0.137	0.140	0.108	0.959	0.750	1.52	1974
1975	2.30	2.74	4.24	2.31	0.566	1.10	0.166	0.323	0.548	0.245	0.320	0.962	1.36	1975
1976	0.917	6.55	5.42	1.83	1.45	0.205	0.452	0.373	0.275	0.214	0.593	0.247	1.52	1976
1977	0.068	0.857	9.85	2.10	0.337	0.236	0.361	0.107	1.84	1.33	1.57	5.29	2.02	1977
1978	0.775	0.493	5.33	5.30	0.779	0.222	0.225	0.160	0.276	0.342	0.374	1.03	1.28	1978
1979	0.718	0.561	6.87	5.16	0.768	0.324	0.236	0.358	0.284	0.510	4.04	3.99	1.99	1979
1980	1.49	0.501	4.11	3.28	0.754	0.674	1.11	0.414	0.595	1.03	0.464	1.31	1.32	1980
1981	0.153	4.57	1.26	1.12	0.788	0.583	0.216	0.383	1.34	1.44	1.14	0.892	1.30	1981
1982	0.586	0.245	6.42	4.81	0.957	2.65	0.436	0.160	0.144	0.241	6.70	4.92	2.36	1982
1983	1.71	1.42	0.897	1.91	2.05	0.318	0.494	0.864	0.206	0.667	1.46	1.96	1.16	1983
1984	0.142	6.83	4.17	2.38	1.15	2.66	1.28	0.141	1.59	0.517	0.630	1.63	1.90	1984
1985	---	---	---	---	---	---	---	---	---	---	4.77	1.95	---	1985
1986	1.36	1.90	---	---	---	---	---	0.543	1.46	3.91	1.00	2.87	---	1986
1987	1.04	0.320	3.24	2.48	0.296	0.227	0.175	0.267	0.212	0.774	1.06	2.88	1.09	1987
1988	1.11	1.54	2.30	1.27	0.504	0.137	0.437	0.537	0.323	1.11	3.19	1.27	1.14	1988
1989	1.11	0.700	1.93	2.01	0.586	0.703	0.223	0.123	0.253	0.402	0.977	0.225	0.769	1989
1990	3.64	4.23	3.16	1.94	0.850	0.941	1.09	0.852	1.23	2.70	3.55	4.23	2.36	1990
MEAN	1.40	2.08	4.06	2.65	0.951	0.729	0.424	0.336	0.498	0.767	1.76	2.06	1.45	MEAN

LOCATION - LAT 42 56 02 N
LONG 081 21 05 W
DRAINAGE AREA, 146 km^2
NATURAL FLOW

REMARKS - MISC. DATA ONLY FOR JAN-OCT 1985

DINGMAN CREEK BELOW LAMBETH - STATION NO. 02GE005

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1965	---	---	---	---	1965
1966	22.3 AT 04:30 EST ON DEC 08	18.2 ON DEC 08	0.028 ON SEP 20	31 800	1966
1967	39.6 AT 10:00 EST ON APR 03	24.6 ON APR 03	0.051 ON AUG 14	47 900	1967
1968	66.3B AT 13:00 EST ON FEB 02 *	58.9B ON FEB 02	0.079 ON JUN 24	49 700	1968
1969	41.1 AT 17:46 EST ON JAN 30	27.2 ON JAN 30	0.019 ON SEP 15	49 000	1969
1970	17.8 AT 23:09 EST ON APR 02	11.7 ON APR 03	0.065 ON SEP 26	35 100	1970
1971	---	14.4 ON MAR 15	0 ON AUG 06 *	23 900	1971
1972	36.0 AT 04:08 EST ON APR 17	22.1 ON APR 17	0.031 ON AUG 01	43 900	1972
1973	29.2 AT 22:13 EST ON MAR 11	17.0 ON MAR 15	0.042 ON SEP 05	41 000	1973
1974	30.6 AT 21:22 EST ON FEB 22	21.9 ON JAN 27	0.082 ON AUG 26	48 100	1974
1975	---	27.0 ON FEB 24	0.071E ON JUL 31	42 900	1975
1976	36.2 AT 19:52 EST ON MAR 05	30.6 ON MAR 05	0.059B ON DEC 19	48 200	1976
1977	---	30.6E ON MAR 13	0.042B ON JAN 30	63 600	1977
1978	---	26.4B ON MAR 23	0.010 ON JUL 14	40 300	1978
1979	---	40.1 ON APR 14	0.001 ON AUG 20	62 800	1979
1980	---	22.2 ON MAR 17	0.082 ON SEP 12	41 600	1980
1981	---	19.8 ON FEB 23	0.080 ON JUL 15	40 900	1981
1982	---	29.6 ON MAR 31	0.084 ON AUG 17	74 400	1982
1983	---	12.8 ON MAY 02	0.128 ON SEP 13	36 700	1983
1984	---	64.0E ON FEB 14 *	0.020E ON AUG 11	60 100	1984
1985	---	---	---	---	1985
1986	---	---	---	---	1986
1987	---	16.3 ON MAR 08	0.013 ON JUL 30	34 300	1987
1988	---	15.0B ON JAN 31	0.063 ON JUL 29	36 000	1988
1989	---	15.8 ON MAR 18	0.020 ON AUG 26	24 200	1989
1990	---	33.5 ON DEC 30	0.171 ON SEP 05	74 300	1990
				45 700	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

DON RIVER AT TODMORDEN - STATION NO. 02HC024

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1962	---	---	---	---	---	---	---	---	---	2.93	3.58	2.42	---	1962
1963	1.37	1.30	7.15	3.11	3.21	1.44	1.46	2.57	1.61	1.23	2.10	1.51	2.37	1963
1964	3.05	1.83	5.85	3.68	2.18	1.75	3.84	3.25	1.48	1.63	1.82	2.65	2.76	1964
1965	2.25	6.61	5.95	5.62	2.16	2.25	2.30	2.01	2.03	3.56	4.16	3.82	3.54	1965
1966	2.44	3.32	6.71	3.16	2.80	2.52	1.57	1.95	2.20	1.66	4.75	5.23	3.19	1966
1967	2.95	2.16	6.60	6.15	3.03	4.10	3.00	2.71	2.89	3.58	3.70	4.57	3.80	1967
1968	2.87	6.69	9.85	3.34	3.84	2.79	1.90	2.99	2.91	2.19	3.86	3.20	3.86	1968
1969	5.44	2.95	5.67	6.21	4.08	2.41	2.64	2.74	1.73	2.33	3.16	2.35	3.48	1969
1970	1.85	2.51	5.77	5.67	3.38	1.95	3.19	2.89	2.51	2.85	3.03	3.06	3.23	1970
1971	1.96	4.19	7.04	5.88	2.18	2.47	3.42	3.48	1.95	1.97	1.87	4.16	3.38	1971
1972	3.29	2.67	7.40	11.8	2.77	3.21	2.70	2.90	2.83	3.36	4.18	4.88	4.33	1972
1973	4.39	3.71	10.7	5.78	4.23	3.06	2.08	2.42	2.12	3.33	4.32	3.54	4.16	1973
1974	5.72	3.85	6.39	6.09	7.20	4.02	1.86	2.24	2.26	1.85	2.95	2.36	3.90	1974
1975	3.24	6.99	5.18	5.73	3.45	2.89	2.11	2.93	2.92	1.90	2.51	2.99	3.54	1975
1976	2.10	6.76	9.05	4.71	4.86	3.96	4.57	3.93	2.84	2.54	1.80	1.92	4.08	1976
1977	1.53	3.07	8.74	4.67	1.96	3.40	4.47	4.05	5.90	5.21	6.47	7.72	4.78	1977
1978	3.90	2.00	8.32	9.24	4.62	2.01	1.83	2.90	4.51	2.83	3.24	3.28	4.07	1978
1979	4.72	2.98	11.1	7.78	3.98	3.08	2.40	2.66	2.53	3.33	4.06	7.03	4.66	1979
1980	4.00	1.72	8.36	8.82	3.04	3.74	4.75	2.32	2.58	3.50	2.41	3.48	4.07	1980
1981	1.71	10.6	2.42	2.66	3.87	2.88	3.29	4.37	5.48	6.05	3.86	2.40	4.08	1981
1982	3.36	2.59	11.9	5.83	2.55	5.33	2.63	4.22	4.52	2.81	5.92	6.28	4.84	1982
1983	3.45	4.50	5.11	6.42	6.14	2.43	1.79	3.55	2.66	3.70	5.05	5.09	4.16	1983
1984	2.08	10.8	7.41	5.14	4.87	3.10	2.81	3.40	4.20	1.99	4.00	3.38	4.40	1984
1985	2.11	9.30	8.84	5.40	3.61	2.70	2.74	5.26	3.43	3.12	9.81	3.26	4.92	1985
1986	3.01	2.62	8.01	5.21	2.47	3.12	3.54	10.2	13.0	5.21	3.17	6.11	5.41	1986
1987	2.63	5.41	5.76	5.55	2.76	3.13	4.13	2.62	3.39	2.53	4.14	4.40	3.63	1987
1988	2.52	3.23	4.27	3.85	5.79	1.68	2.28	1.73	3.35	3.68	3.59	2.50	2.95	1988
1989	2.92	1.80	3.29	2.80	3.86	4.28	2.85	3.06	3.41	3.76	5.56	1.82	3.29	1989
1990	4.84	6.05	6.32	4.24	4.19	3.28	3.28	4.17	2.42	5.09	2.93	6.78	4.47	1990
MEAN	3.06	4.26	7.11	5.45	3.61	2.96	2.84	3.34	3.35	3.09	3.87	3.87	3.91	MEAN

LOCATION - LAT 43 41 50 N
LONG 079 21 15 W
DRAINAGE AREA, 316 km^2
REGULATED SINCE 1973

DON RIVER AT TODMORDEN - STATION NO. 02HC024

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1962	---	---	---	---	1962
1963	44.2 AT 14:30 EST ON AUG 01	18.0E ON MAR 06	0.985 ON JUL 07 *	74 800	1963
1964	56.1 AT 21:00 EST ON JUL 01	27.4 ON JUL 13	1.10 ON JUN 28	87 300	1964
1965	136 AT 20:00 EST ON FEB 10	70.2 ON FEB 10	1.03 ON JUN 20	111 000	1965
1966	85.0 AT 23:00 EST ON NOV 09	32.6 ON MAR 01	1.25 ON JUL 24	101 000	1966
1967	91.2 AT 23:30 EST ON APR 02	38.8 ON APR 03	1.49 ON FEB 14	120 000	1967
1968	79.6 AT 20:15 EST ON FEB 02	61.7 ON FEB 02	1.30 ON JUL 29	122 000	1968
1969	62.0 AT 14:11 EST ON APR 18	36.2 ON APR 18	1.29 ON DEC 23	110 000	1969
1970	62.9 AT 19:27 EST ON JUL 31	22.3 ON APR 02	1.37 ON JUN 14	102 000	1970
1971	85.0 AT 13:46 EST ON JUN 25	38.2 ON APR 02	1.31 ON AUG 20	106 000	1971
1972	68.2 AT 08:43 EST ON APR 13	43.3 ON APR 13	1.35 ON JAN 15	137 000	1972
1973	93.4 AT 15:46 EST ON MAR 11	37.9E ON FEB 02	1.27 ON SEP 26	131 000	1973
1974	174 AT 23:54 EST ON MAY 16	54.7 ON MAR 05	1.32 ON AUG 20	123 000	1974
1975	135 AT 15:56 EST ON FEB 24	58.9 ON FEB 24	1.24 ON AUG 19	112 000	1975
1976	149 AT 19:04 EST ON AUG 28	31.1 ON AUG 28	1.18 ON DEC 03	129 000	1976
1977	150 AT 00:12 EST ON SEP 25	45.3 ON MAR 13	1.28 ON JUN 11	151 000	1977
1978	105 AT 22:14 EST ON SEP 19	30.0 ON APR 07	1.27 E ON JUL 17	128 000	1978
1979	154 AT 17:27 EST ON DEC 25	75.3 ON DEC 25	1.38 ON DEC 17	147 000	1979
1980	149 AT 17:07 EST ON MAR 21	86.7 ON MAR 21	1.30 ON AUG 17	129 000	1980
1981	129 AT 14:38 EST ON MAY 11	51.4 ON FEB 11	1.35 ON JAN 13	129 000	1981
1982	159 AT 19:45 EST ON SEP 14	44.5 ON MAR 13	1.38 ON SEP 09	153 000	1982
1983	83.5 AT 19:19 EST ON AUG 08	30.2 ON MAR 19	1.36 ON SEP 13	131 000	1983
1984	180 AT 07:50 EST ON FEB 14	108 ON FEB 14 *	1.38 ON JUL 25	139 000	1984
1985	124 AT 13:03 EST ON AUG 26	66.1 ON FEB 24	1.33 ON JUL 30	155 000	1985
1986	207 E AT 03:08 EST ON AUG 27 *	85.6 ON SEP 11	1.32 ON JUL 11	171 000	1986
1987	112 AT 17:36 EST ON MAY 27	24.4 ON MAR 01	1.15 ON AUG 24	114 000	1987
1988	67.7 AT 02:52 EST ON SEP 04	23.3 ON SEP 04	1.02 ON AUG 22	93 400	1988
1989	129 AT 22:47 EST ON SEP 22	19.4 ON OCT 20	1.19 ON JAN 04	104 000	1989
1990	79.5 AT 22:35 EST ON FEB 22	44.4 ON MAR 12	1.45 ON SEP 09	141 000	1990
	E - ESTIMATED	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		123 000	MEAN

DON RIVER AT YORK MILLS - STATION NO. 02HC005

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1945	---	---	---	---	---	---	---	---	---	0.636	0.443	0.388	---	1945
1946	0.668	0.198	2.59	0.217	0.191	0.142	0.046	0.028	0.075	0.145	0.153	0.164	0.389	1946
1947	---	---	2.38	2.53	---	---	---	---	---	---	---	---	---	1947
1951	---	2.47	2.91	3.13	0.255	0.229	0.536	0.154	0.130	0.158	0.466	0.444	---	1951
1952	1.41	1.34	1.82	1.78	0.444	0.232	0.157	0.144	0.145	0.150	0.255	0.278	0.863	1952
1953	0.275	0.725	0.922	0.470	1.35	0.310	0.266	0.228	0.309	---	0.192	0.275	---	1953
1954	0.298	4.57	2.86	1.54	0.503	0.420	0.237	0.130	0.095	3.11	0.133	0.225	1.16	1954
1955	0.873	0.290	2.87	2.04	0.358	0.297	0.153	0.248	0.080	0.226	0.301	0.243	0.668	1955
1956	0.215	0.141	2.22	2.32	1.16	0.338	0.588	0.996	0.380	0.195	0.218	0.748	0.798	1956
1957	0.626	0.943	1.03	1.13	0.779	0.746	0.333	0.284	0.340	0.469	0.472	1.19	0.711	1957
1958	0.361	1.02	1.45	0.522	0.343	0.315	0.337	0.388	0.389	0.352	0.452	0.347	0.520	1958
1959	0.394	0.354	3.26	1.82	0.455	0.313	0.447	---	---	---	---	---	---	1959
1960	---	---	---	2.26	2.25	0.414	0.373	0.272	0.196	0.248	0.379	0.246	---	1960
1961	0.237	1.13	1.02	0.807	0.655	0.519	0.361	0.275	0.247	0.237	0.367	0.328	0.511	1961
1962	0.457	0.265	2.38	0.510	0.267	0.278	0.341	0.207	0.433	0.533	0.891	0.447	0.594	1962
1963	0.433	0.228	2.00	0.479	0.606	0.279	0.299	0.327	0.296	0.245	0.398	0.314	0.480	1963
1964	0.738	0.341	1.94	0.876	0.450	0.290	0.699	0.705	0.323	0.294	0.336	0.519	0.630	1964
1965	0.446	1.76	1.84	1.71	0.456	0.348	0.432	0.331	0.407	0.756	0.964	0.871	0.853	1965
1966	0.528	0.939	2.20	0.765	0.607	0.611	0.330	0.339	0.380	0.399	1.06	1.42	0.798	1966
1967	0.680	0.522	1.82	1.64	0.627	---	---	---	---	---	---	---	---	1967
1968	---	---	---	---	---	0.530	0.271	0.417	0.522	0.314	0.476	0.430	---	1968
1969	1.21	0.568	1.64	1.68	0.917	0.253	0.334	0.268	0.162	0.293	0.530	0.280	0.679	1969
1970	0.216	0.333	1.44	1.30	0.513	0.196	0.411	0.416	---	---	---	---	---	1970
1971	---	---	---	---	---	---	---	---	---	0.263	0.273	0.883	---	1971
1972	0.673	0.399	2.00	4.14	0.457	0.496	0.402	0.468	0.812	0.946	0.866	1.02	1.06	1972
1973	1.08	0.855	3.15	1.43	0.756	0.500	0.365	0.431	0.341	0.509	0.791	0.677	0.909	1973
1974	1.57	0.868	1.82	1.80	1.99	0.598	0.254	0.156	0.256	0.265	0.482	0.371	0.870	1974
1975	0.539	1.75	1.06	1.48	0.584	0.460	0.285	0.425	0.423	0.268	0.401	0.473	0.669	1975
1976	0.320	1.85	2.60	1.13	1.14	0.747	0.991	0.663	0.419	0.400	0.225	0.241	0.891	1976
1977	0.190	0.472	2.40	1.07	0.311	0.508	0.702	0.579	1.03	1.22	1.36	1.68	0.964	1977
1978	0.637	0.295	2.27	2.48	0.832	0.348	0.277	0.526	0.858	0.452	0.390	0.469	0.821	1978
1979	0.814	0.463	3.29	1.88	0.718	0.319	0.232	0.305	0.292	0.604	0.982	1.75	0.976	1979
1980	0.980	0.269	2.02	2.12	0.486	0.641	1.20	0.400	0.419	0.610	0.363	0.793	0.861	1980
1981	0.230	2.92	0.440	0.506	0.762	0.526	0.516	0.719	1.21	1.07	0.673	0.400	0.814	1981
1982	0.576	0.419	3.35	1.54	0.390	0.990	0.479	0.616	0.856	0.595	1.67	2.02	1.13	1982
1983	0.790	1.10	1.25	1.79	1.44	0.432	0.245	0.558	0.512	0.702	1.04	0.765	0.888	1983
1984	0.283	3.35	1.83	2.23	1.03	0.545	0.413	0.533	0.936	0.281	0.862	0.638	0.983	1984
1985	0.409	2.33	2.39	1.35	0.636	0.516	0.615	1.11	0.759	0.615	2.39	0.754	1.15	1985
1986	0.538	0.389	1.49	0.576	0.615	0.615	0.883	2.64	3.51	1.22	0.622	1.08	1.19	1986
1987	0.520	0.406	1.48	1.32	0.397	0.493	0.849	0.468	0.822	0.544	0.992	1.42	0.778	1987
1988	0.457	0.612	1.02	0.936	0.575	0.286	0.386	0.244	0.564	0.596	0.724	0.532	0.585	1988
1989	0.428	0.252	0.630	0.514	0.534	0.485	0.302	0.796	0.510	0.686	1.31	0.288	0.562	1989
1990	1.17	1.23	1.76	1.11	0.833	0.573	0.578	1.01	0.424	1.06	0.692	0.537	0.915	1990
MEAN	0.602	1.01	2.02	1.45	0.710	0.439	0.434	0.497	0.540	0.572	0.654	0.658	0.808	MEAN

LOCATION - LAT 43 44 21 N LONG 079 24 05 W

DRAINAGE AREA 88.1 km^2

REGULATED SINCE 1973

DON RIVER AT YORK MILLS - STATION NO. 02HC005

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1945	---	---	---	---	1945
1946	---	18.4 ON MAR 07	0.028 ON JUL 01 *	12 300	1946
1947	---	---	---	---	1947
1951	---	42.8 E ON APR 12	0.028 ON MAY 08	---	1951
1952	---	30.6 E ON MAR 11	0.142 ON JUL 01	27 300	1952
1953	---	---	---	---	1953
1954	---	47.6 E ON OCT 16 *	0.085 ON AUG 08	36 400	1954
1955	---	28.3 E ON MAR 01	0.057 ON AUG 18	21 100	1955
1956	---	18.3 ON MAR 07	0.057 ON OCT 27	44 200	1956
1957	---	14.2 ON JAN 22	0.113 ON JUL 20	32 400	1957
1958	---	5.10E ON FEB 25	0.170 ON JUL 29	16 400	1958
1959	---	12.6 ON MAR 21	---	---	1959
1960	31.7 E AT 06:30 EST ON MAY 09	26.7 ON MAR 31	0.170 ON AUG 27	---	1960
1961	7.48 AT 23:00 EST ON FEB 23	6.40 ON FEB 26	0.161 ON SEP 18	16 100	1961
1962	14.6 AT 17:00 EST ON NOV 10	10.3 ON NOV 10	0.181 ON FEB 23	18 700	1962
1963	10.8 AT 14:00 EST ON AUG 01	8.30 ON MAR 25	0.201 ON JUL 18	15 100	1963
1964	12.5 AT 01:00 EST ON AUG 29	9.43 ON JUL 13	0.159 ON SEP 19	19 900	1964
1965	57.5 AT 16:00 EST ON FEB 10	21.5 ON FEB 10	0.142 ON MAR 02	26 900	1965
1966	22.2 AT 19:30 EST ON NOV 09	12.8 ON MAR 01	0.241 ON JUL 23	25 200	1966
1967	23.7 AT 05:00 EST ON APR 03	10.9 ON APR 03	---	---	1967
1968	---	---	---	---	1968
1969	24.6 AT 16:16 EST ON APR 18	15.5 ON APR 18	0.113 ON SEP 08	21 400	1969
1970	20.6 AT 17:53 EST ON JUL 31	5.97 ON APR 03	---	---	1970
1971	---	---	---	---	1971
1972	13.6 E ON APR 13	13.6 E ON APR 13	0.093 ON FEB 20	33 400	1972
1973	24.3 AT 20:15 EST ON MAR 11	12.7 ON FEB 02	0.161 ON SEP 12	28 700	1973
1974	38.2 AT 20:48 EST ON MAY 16	17.0 E ON MAR 05	0.076 ON AUG 08	27 400	1974
1975	19.8 AT 13:43 EST ON FEB 24	10.7 ON FEB 24	0.133 ON AUG 19	21 100	1975
1976	16.9 AT 13:51 EST ON JUL 31	9.23 ON MAR 21	0.119 ON DEC 03	28 200	1976
1977	22.5 AT 16:08 EST ON JUL 15	7.48 ON MAR 13	0.156 ON JUN 14	30 400	1977
1978	15.0 AT 12:03 EST ON OCT 04	7.48E ON MAR 21	0.122 ON OCT 22	25 900	1978
1979	18.0 AT 14:03 EST ON DEC 25	10.7 ON DEC 25	0.094 ON JUL 24	30 800	1979
1980	46.8 AT 18:06 EST ON MAR 21	24.3 ON MAR 21	0.134 ON MAY 26	27 200	1980
1981	25.0 AT 00:38 EST ON SEP 05	16.5 ON FEB 19	0.139 ON JUL 14	25 700	1981
1982	---	14.2 ON MAR 15	0.175 ON AUG 16	35 600	1982
1983	21.8 AT 18:12 EST ON AUG 08	7.44 ON MAY 04	0.117 ON SEP 15	28 000	1983
1984	65.8 AT 22:54 EST ON FEB 14 *	33.1 ON FEB 15	0.034 ON MAR 13	31 100	1984
1985	---	11.3 ON FEB 25	0.146 ON JUL 29	36 100	1985
1986	63.9 AT 00:38 EST ON AUG 27	22.5 ON SEP 11	0.179 ON DEC 13	37 400	1986
1987	12.3 AT 15:10 EST ON AUG 31	6.90 ON MAR 09	0.191 ON AUG 25	24 500	1987
1988	19.7 AT 00:36 EST ON SEP 04	2.96E ON APR 06	0.126 ON AUG 22	18 500	1988
1989	---	5.89 ON AUG 05	0.132 ON SEP 21	17 700	1989
1990	24.6 AT 13:19 EST ON OCT 12	14.1 ON MAR 13	0.046 ON NOV 04	28 800	1990
	E - ESTIMATED	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		25 500	MEAN

DUCHESNAY RIVER NEAR NORTH BAY - STATION NO. 02DD008

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1956	---	---	---	---	---	---	---	---	---	2.01	2.12	0.826	---	1956
1957	0.559	0.460	0.937	4.79	1.70	3.62	2.59	0.175	2.94	4.54	4.09	2.11	2.31	1957
1958	0.608	0.325	0.759	4.32	1.03	1.03	0.964	0.113	1.05	2.21	0.920	0.429	1.15	1958
1959	0.308	0.190	0.292	6.44	2.26	0.859	0.660	1.44	4.13	2.38	3.58	1.15	1.97	1959
1960	0.516	0.564	0.461	8.35	3.65	1.80	3.31	0.479	0.637	1.29	2.72	1.02	2.06	1960
1961	0.327	0.150	0.277	4.39	2.53	0.805	1.93	1.16	1.62	0.935	1.51	1.81	1.46	1961
1962	0.507	0.347	0.603	5.10	2.85	0.370	0.093	0.060	0.178	0.212	0.426	0.395	0.927	1962
1963	0.190	0.141	0.893	7.36	2.63	0.715	0.151	0.359	0.237	0.259	0.917	0.457	1.19	1963
1964	0.210	0.291	0.472	4.28	1.44	0.287	0.127	0.219	2.21	1.17	1.14	1.48	1.11	1964
1965	0.439	0.402	0.306	4.54	3.64	0.355	0.467	1.27	2.17	2.45	1.40	1.22	1.56	1965
1966	1.13	0.708	1.11	6.10	1.75	0.636	0.197	0.551	0.392	1.33	3.15	2.74	1.66	1966
1967	0.508	0.504	0.384	7.26	1.66	1.08	0.265	0.196	0.442	1.05	3.58	1.28	1.51	1967
1968	0.401	1.01	1.53	5.01	1.17	0.717	0.502	0.416	0.464	0.638	0.688	1.11	1.13	1968
1969	0.792	0.480	1.58	6.83	3.28	1.91	0.605	0.666	0.341	2.23	4.49	0.708	1.99	1969
1970	0.202	0.178	0.253	6.22	4.25	3.26	5.86	1.19	1.98	1.98	1.61	0.744	2.32	1970
1971	0.319	0.327	0.469	6.58	3.01	0.302	0.113	0.164	0.431	0.661	0.879	1.84	1.26	1971
1972	0.693	0.372	0.324	5.31	5.95	1.14	0.633	3.71	0.656	1.47	1.49	0.640	1.87	1972
1973	0.523	0.520	3.78	6.27	2.96	1.52	0.409	0.803	0.456	1.39	1.72	1.11	1.79	1973
1974	0.521	1.06	0.544	7.33	3.09	2.70	0.521	0.471	0.452	1.49	4.21	1.00	1.94	1974
1975	0.503	0.289	0.545	4.47	4.11	1.74	0.412	0.114	0.313	1.25	2.02	2.84	1.55	1975
1976	0.395	0.191	1.84	6.79	2.95	0.642	1.44	0.393	0.913	0.888	0.513	0.372	1.44	1976
1977	0.249	0.229	2.10	7.17	0.689	0.378	1.63	1.55	1.77	1.50	2.03	0.717	1.67	1977
1978	0.398	0.433	0.266	4.21	4.13	0.574	0.538	1.31	2.38	2.49	1.19	0.598	1.55	1978
1979	0.436	0.429	3.27	8.91	2.90	0.741	0.582	0.564	0.965	1.71	1.90	1.53	2.00	1979
1980	0.695	0.291	1.76	8.50	1.80	1.08	1.18	0.625	2.79 *	2.46	1.60	0.655	1.95	1980
1981	0.318	1.50	1.65	7.32	2.15	1.34	0.311	0.297	1.93	3.55	1.16	0.672	1.84	1981
1982	0.331	0.287	0.841	7.70	1.79	0.818	0.291	0.289	1.41	1.60	1.98	3.16	1.71	1982
MEAN	0.472	0.449	1.05	6.21	2.67	1.17	0.992	0.716	1.28	1.64	1.96	1.22	1.65	MEAN

LOCATION - LAT 46 19 53 N LONG 079 30 20 W DRAINAGE AREA, 90.4 km^2 NATURAL FLOW

DUCHESNAY RIVER NEAR NORTH BAY - STATION NO. 02DD008

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1956	---	---	---	---	1956
1957	---	43.6 ON JUN 30 *	0.111 ON AUG 13	72 900	1957
1958	---	8.27 ON APR 16	0.057E ON AUG 10	36 100	1958
1959	---	22.7 ON APR 19	0.085 ON JUL 16	62 100	1959
1960	---	19.5 ON APR 25	0.130 ON AUG 26	65 100	1960
1961	---	9.05 ON APR 17	0.125RB ON FEB 12	45 900	1961
1962	---	14.4 ON APR 23	0.014 ON AUG 02	29 200	1962
1963	---	22.1 E ON APR 03	0.028 ON AUG 12	37 500	1963
1964	---	17.9 ON APR 15	0.006 ON JUL 28 *	35 000	1964
1965	---	11.9 ON MAY 04	0.144 ON JUL 01	49 200	1965
1966	---	22.1 ON APR 22	0.074 ON JUL 08	52 500	1966
1967	17.2 AT 13:00 EST ON APR 18	16.7 ON APR 18	0.068 ON SEP 01	47 600	1967
1968	---	14.3 A ON APR 01	0.093 ON AUG 11	35 800	1968
1969	19.0 AT 14:00 EST ON APR 16	18.0 ON APR 16	0.159 ON JUL 23	62 800	1969
1970	28.0 AT 10:03 EST ON JUL 21	24.9 ON JUL 21	0.167B ON JAN 26	73 100	1970
1971	16.7 AT 01:56 EST ON APR 20	15.1 ON APR 20	0.054 ON JUL 05	39 700	1971
1972	21.2 AT 14:03 EST ON AUG 25	20.2 ON MAY 03	0.102 ON JUL 09	59 300	1972
1973	16.7 AT 03:43 EST ON APR 03	15.3 ON APR 02	0.127 ON JUL 25	56 500	1973
1974	19.9 AT 10:36 EST ON APR 23	18.6 ON APR 23	0.071 ON AUG 29	61 100	1974
1975	15.8 AT 21:00 EST ON MAY 01	14.6 ON MAY 02	0.054 ON SEP 01	49 000	1975
1976	15.1 AT 13:26 EST ON MAY 18	14.7 ON APR 18	0.082 ON AUG 29	45 600	1976
1977	15.5 AT 12:37 EST ON APR 22	14.9 ON APR 21	0.057E ON JUL 23	52 600	1977
1978	17.4 AT 03:19 EST ON APR 28	15.6 ON APR 28	0.164 ON JUL 08	48 800	1978
1979	32.6 AT 07:18 EST ON APR 27 *	28.5 ON APR 27	0.174 ON AUG 17	63 000	1979
1980	27.7 AT 02:17 EST ON APR 10	25.4 ON APR 10	0.155B ON MAR 15	61 500	1980
1981	---	28.6 E ON APR 05	0.110 ON AUG 02	54 100	1981
1982	---	18.0 E ON APR 18	0.087 ON JUL 27	53 800	1982
				52 100	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX)
B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD
R - REVISED SINCE JAN 01 1989

DUFFINS CREEK ABOVE PICKERING - STATION NO. 02HC019

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1960	---	---	---	---	---	---	---	0.727	0.651	0.829	1.07	0.739	---	1960
1961	0.544	1.76	0.976	1.77	1.17	0.899	0.643	---	---	---	---	---	---	1961
1962	---	---	---	1.61	0.461	0.765	0.724	0.645	0.608	0.756	1.12	1.06	---	1962
1963	0.543	0.439	1.99	0.991	1.14	0.571	0.512	0.536	0.565	0.503	0.708	0.823	0.781	1963
1964	0.924	0.770	0.876	1.09	0.695	0.488	0.770	0.886	0.486	0.569	0.641	1.09	0.775	1964
1965	0.720	2.42	1.99	2.63	0.756	0.516	0.641	0.535	0.602	1.02	1.42	1.56	1.22	1965
1966	0.926	0.814	1.90	1.18	0.980	0.643	0.359	0.446	0.520	0.530	1.01	1.46	0.899	1966
1967	1.18	0.852	2.16	2.18	0.935	0.884	1.02	0.869	0.697	1.14	1.61	1.77	1.28	1967
1968	0.855	2.74	2.13	1.72	1.10	0.794	0.587	0.579	0.621	0.664	1.21	0.902	1.46	1968
1969	1.69	1.74	2.07	2.15	1.35	0.784	0.562	0.554	0.499	0.701	0.931	0.762	1.14	1969
1970	0.670	0.745	1.58	2.86	1.05	0.547	0.796	0.643	0.764	0.866	0.983	1.24	1.06	1970
1971	0.767	1.02	1.20	1.18	0.708	0.639	0.777	0.914	0.832	0.688	0.778	1.45	1.08	1971
1972	0.893	0.659	1.26	5.87	0.746	0.698	0.677	0.683	0.653	0.819	0.872	0.924	1.22	1972
1973	1.31	1.15	3.48	1.88	1.12	0.684	0.531	0.578	0.554	0.689	0.931	0.788	1.14	1973
1974	1.62	1.16	2.40	2.10	1.55	0.898	0.845	0.544	0.588	0.652	0.842	0.756	1.16	1974
1975	0.985	2.61	1.98	1.90	1.06	0.799	0.614	0.592	0.676	0.630	0.767	0.919	1.12	1975
1976	0.803	3.72	3.47	1.69	1.39	0.862	1.07	0.736	0.735	0.712	0.689	0.545	1.26	1976
1977	0.456	0.529	3.02	1.34	0.704	0.632	0.648	0.728	1.25	1.38	2.20	1.29	1.17	1977
1978	1.87	0.390	2.33	4.18	1.99	0.803	0.606	0.701	0.831	0.858	0.943	0.827	1.36	1978
1979	0.996	0.800	4.76	2.41	1.48	0.715	0.631	0.654	0.684	0.694	1.15	1.85	1.43	1979
1980	1.06	0.452	3.49	2.96	0.883	0.922	1.19	0.724	0.831	1.02	0.956	1.26	1.31	1980
1981	0.576	4.80	1.16	1.13	1.03	0.778	0.673	1.21	1.22	1.52	1.34	0.928	1.34	1981
1982	0.800	0.714	1.48	2.47	0.822	1.43	0.876	0.755	0.859	0.890	1.69	1.96	1.43	1982
1983	1.15	1.95	1.88	2.15	1.21	0.904	0.572	0.641	0.669	0.918	1.42	1.51	1.31	1983
1984	0.827	4.32	3.49	2.58	1.51	0.731	0.625	0.640	0.901	0.746	1.07	1.11	1.53	1984
1985	0.820	2.94	2.88	2.13	1.07	0.834	0.710	0.742	0.731	0.907	2.37	1.15	1.43	1985
1986	1.69	1.23	3.78	1.33	0.965	0.974	0.799	0.732	0.888	1.47	1.14	1.68	1.69	1986
1987	0.928	0.667	3.81	1.72	0.903	0.858	0.789	0.698	0.780	0.845	1.57	1.45	1.23	1987
1988	1.48	2.34	4.66	1.57	0.966	0.614	0.530	0.543	0.669	0.864	0.892	1.11	1.36	1988
1989	1.71	0.996	1.57	1.07	1.20	1.02	0.451	0.590	0.725	0.819	1.57	0.623	1.03	1989
1990	1.81	1.99	3.30	1.66	1.03	0.681	0.667	0.672	0.593	1.18	0.902	1.80	1.36	1990
MEAN	1.06	1.61	2.66	2.11	1.09	0.776	0.694	0.736	0.789	0.869	1.15	1.21	1.24	MEAN

LOCATION - LAT 43 53 30 N LONG 079 03 33 W
DRAINAGE AREA, 93.5 km^2
NATURAL FLOW

DUFFINS CREEK ABOVE PICKERING - STATION NO. 02HC019

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1960	---	---	---	---	1960
1961	---	---	---	---	1961
1962	---	---	---	---	1962
1963	---	---	---	---	1963
1964	10.7 AT 11:30 EST ON JUL 13	6.85B ON MAR 25 6.71 ON JUL 13	0.439RB ON JAN 23 0.354 ON AUG 02	24 600 24 500	1964
1965	28.9 AT 18:30 EST ON APR 07	25.1 B ON FEB 10	0.312RB ON JAN 15	38 600	1965
1966	10.8 AT 06:15 EST ON MAY 19	8.50B ON MAR 01	0.275 ON JUL 22 *	28 300	1966
1967	31.1 AT 02:45 EST ON APR 03	10.9 ON APR 03	0.419 ON JUL 19	40 300	1967
1968	51.8B AT 18:10 EST ON FEB 02	21.0 B ON FEB 02	0.402 ON AUG 05	46 000	1968
1969	23.4 AT 15:14 EST ON APR 18	10.7 ON APR 18	0.375 ON SEP 02	36 100	1969
1970	15.7 AT 12:42 EST ON APR 20	7.08 ON APR 20	0.453 ON AUG 11	33 500	1970
1971	20.1 AT 18:56 EST ON APR 02	15.7 ON APR 02	0.436 ON AUG 20	34 200	1971
1972	36.0 AT 18:10 EST ON APR 11	25.4 ON APR 13	0.396B ON FEB 20	38 700	1972
1973	37.1 AT 17:25 EST ON MAR 11	12.9 ON MAR 11	0.360B ON DEC 18	36 000	1973
1974	30.6 AT 05:18 EST ON APR 04	19.8 B ON MAR 05	0.481B ON JAN 18	36 700	1974
1975	65.7B AT 21:19 EST ON FEB 24	28.3 B ON FEB 24	0.504 ON AUG 20	35 200	1975
1976	31.4 AT 05:10 EST ON MAR 21	19.1 ON MAR 21	0.425B ON DEC 31	43 000	1976
1977	37.1 AT 08:15 EST ON MAR 13	17.9 ON MAR 13	0.374B ON FEB 03	40 000	1977
1978	36.5 AT 16:38 EST ON MAY 14	18.9 ON APR 07	0.320B ON MAR 13	43 000	1978
1979	27.6 AT 08:20 EST ON MAR 14	16.8 ON MAR 06	0.522 ON JUL 23	45 000	1979
1980	113 AT 15:30 EST ON MAR 21 *	26.0 B ON MAR 21	0.320B ON MAR 15	41 400	1980
1981	---	29.0 B ON FEB 20	0.506 ON JUL 14	42 200	1981
1982	48.3E AT 17:20 EST ON MAR 31	23.5 E ON MAR 31	0.579 ON AUG 18	45 100	1982
1983	25.2 AT 11:02 EST ON MAR 19	13.5 ON MAR 19	0.461 ON JUL 16	41 300	1983
1984	---	49.5 B ON FEB 14 *	0.515 ON JUL 25	48 500	1984
1985	---	31.0 B ON FEB 24	0.526 ON AUG 04	45 000	1985
1986	83.1 AT 20:11 EST ON AUG 15	22.0 ON SEP 11	0.528 ON JUL 11	53 400	1986
1987	---	20.0 B ON MAR 02	0.539 ON AUG 24	38 900	1987
1988	---	24.3 B ON MAR 10	0.386B ON JAN 17	41 100	1988
1989	16.4 AT 19:30 EST ON MAR 25	7.58B ON MAR 15	0.387 ON JUL 25	32 400	1989
1990	64.0 AT 05:00 EST ON MAR 12	34.0 ON MAR 12	0.352B ON JAN 15	42 800	1990
				39 200	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD
R - REVISED SINCE JAN 01 1989

DUFFINS CREEK AT AJAX - STATION NO. 02HC049

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1989	---	---	---	---	---	2.47	0.723	1.21	1.30	1.64	4.04	1.14	---	1989
1990	3.52	4.64	7.32	4.10	2.19	1.29	1.16	1.31	0.951	2.12	1.83	4.28	2.89	1990
MEAN	3.52	4.64	7.32	4.10	2.19	1.88	0.942	1.26	1.13	1.88	2.94	2.71	2.89	MEAN

LOCATION - LAT 43 50 57 N LONG 079 03 25 W DRAINAGE AREA, 251 km^2

REMARKS - STATION INSTALLED MAY 1989. LOCATED JUST DOWNSTREAM OF PREVIOUS STATION 02HC006, DUFFINS CREEK AT PICKERING (249 SQ. KM)

DUFFINS CREEK AT AJAX - STATION NO. 02HC049

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1989	---	---	---	---	1989
1990	91.4 AT 07:39 EST ON MAR 12 *	67.1 ON MAR 12 *	0.648 ON AUG 03 *	91 100	1990
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		91 100	MEAN

DUFFINS CREEK AT PICKERING - STATION NO. 02HC006

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1945	---	---	---	---	---	---	---	---	---	2.89	2.39	---	---	1945
1946	---	---	12.3	1.98	1.82	1.49	1.20	1.18	1.35	1.61	1.68	2.57	---	1946
1947	1.00	---	---	9.56	3.35	4.58	2.85	2.37	1.95	1.94	2.18	4.24	---	1947
1948	1.25	---	15.4	3.31	2.30	1.27	0.595	0.502	0.821	1.30	1.75	1.53	---	1948
1949	6.63	15.3	13.2	3.38	1.06	0.650	0.552	0.738	1.08	1.64	1.47	2.12	3.92	1949
1950	2.52	0.680	7.34	7.74	2.30	1.82	2.06	1.65	1.53	2.09	2.91	2.66	2.95	1950
1951	3.24	5.80	0.08	7.93	5.31	1.65	2.97	0.996	1.20	1.37	2.96	1.99	3.37	1951
1952	3.58	5.63	9.94	6.74	3.94	1.48	1.12	1.48	1.59	1.65	2.66	2.39	3.44	1952
1953	2.70	3.17	5.94	2.74	2.58	1.68	0.543	0.434	0.482	1.19	1.42	1.94	2.11	1953
1954	2.33	10.6	8.23	8.38	1.81	1.46	0.959	1.31	1.76	6.48	3.92	3.79	4.04	1954
1955	3.48	4.70	9.34	4.00	1.87	1.08	0.934	1.10	0.991	2.34	2.87	1.97	2.88	1955
1956	2.00	1.76	15.1	12.7	3.54	2.28	2.01	0.990	0.824	1.34	1.48	2.29	3.86	1956
1957	2.97	4.52	4.72	3.60	2.13	2.46	1.11	1.07	1.43	1.42	1.79	5.06	2.68	1957
1958	1.33	2.36	7.68	3.25	1.73	1.29	1.05	1.12	1.62	1.50	1.77	1.28	2.16	1958
1959	1.40	1.45	6.67	8.19	2.57	1.14	1.11	1.12	1.35	1.69	1.94	2.35	2.58	1959
1960	1.50	1.62	2.91	12.7	9.19	2.07	1.35	1.35	0.932	1.18	1.77	1.77	3.19	1960
1961	1.51	3.87	2.65	4.48	2.92	1.87	1.50	1.78	1.11	1.01	1.65	1.26	2.14	1961
1962	1.14	0.941	2.32	2.65	1.25	1.04	0.945	0.692	0.855	1.34	2.02	1.30	1.63	1962
1963	1.21	1.17	3.26	2.67	3.02	1.03	0.855	1.05	1.02	0.886	1.37	1.07	1.72	1963
1964	1.54	1.41	3.50	2.67	1.53	0.834	1.58	1.65	0.858	0.967	1.31	2.23	1.68	1964
1965	1.26	5.03	4.46	5.52	1.45	0.881	1.19	0.921	1.05	2.29	3.51	4.12	2.62	1965
1966	1.82	1.96	4.92	3.42	2.29	1.45	0.623	0.687	1.09	0.983	2.20	2.82	2.02	1966
1967	2.18	1.76	5.49	6.78	2.17	2.24	2.33	2.31	1.35	2.62	2.80	3.76	2.91	1967
1968	2.56	0.70	10.9	3.11	2.54	1.52	0.947	1.02	1.22	1.12	1.17	2.32	3.16	1968
1969	3.79	2.18	6.23	5.55	3.27	1.53	0.930	0.880	0.731	1.12	1.44	1.77	1.42	1969
1970	1.20	1.35	4.36	5.85	2.48	1.01	1.34	1.07	1.28	1.57	2.22	2.41	2.18	1970
1971	2.06	3.13	4.25	8.06	1.63	1.24	1.42	1.77	1.77	1.37	1.73	4.50	2.74	1971
1972	2.15	1.73	4.52	14.7	2.51	1.84	1.26	1.24	---	---	---	---	---	1972
1973	---	---	---	---	3.06	1.69	1.05	1.28	1.15	1.59	2.79	2.30	---	1973
1974	3.78	2.66	5.54	5.31	4.20	1.88	1.73	0.911	0.986	1.21	1.68	1.60	2.63	1974
1975	2.13	5.52	4.73	5.01	2.43	1.44	0.978	1.02	1.18	1.18	1.54	1.83	2.39	1975
1976	1.76	6.83	9.15	4.10	3.54	1.69	2.29	1.82	1.59	1.78	1.68	1.11	3.10	1976
1977	0.910	1.20	7.96	3.38	1.39	1.20	1.45	1.36	3.20	3.03	4.70	5.16	2.92	1977
1981	---	---	---	---	---	1.50	1.10	2.48	2.76	3.92	3.16	1.96	---	1981
1982	1.93	1.47	9.26	7.77	2.69	1.62	2.21	1.44	1.68	1.81	3.76	5.00	3.56	1982
1983	2.93	4.31	4.86	5.62	4.80	1.78	1.03	1.24	1.63	2.10	3.74	3.93	3.15	1983
1984	1.72	9.69	8.69	7.71	4.11	1.66	1.55	1.12	1.73	1.30	2.16	2.06	3.60	1984
1985	1.42	5.16	9.05	5.71	2.18	1.57	1.16	1.50	1.92	2.04	6.31	2.78	3.38	1985
1986	4.08	2.62	10.1	3.42	1.96	2.17	1.42	4.96	9.07	4.23	5.78	4.18	4.26	1986
1987	2.47	1.85	9.41	5.09	1.64	1.58	1.45	1.18	1.38	1.55	2.79	3.61	2.84	1987
1988	2.15	2.58	4.66	4.10	2.08	0.847	0.676	1.04	1.27	1.74	2.10	1.76	2.08	1988
1989	2.51	1.67	3.14	2.87	3.08	2.91	0.859	1.40	1.62	1.80	4.42	1.28	2.29	1989
MEAN	2.27	3.79	7.25	5.60	2.67	1.67	1.33	1.35	1.56	1.87	2.47	2.59	2.82	MEAN

LOCATION - LAT 43 51 10 N DRAINAGE AREA, 249 km²
LONG 079 03 44 W REGULATED

REMARKS - ANOTHER STATION ACTIVATED MAY 1989 JUST DOWNSTREAM -02HC049, DUFFINS CREEKAT AJAX (249 SQ KM)

DUFFINS CREEK AT PICKERING - STATION NO. 02HC006

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1945	---	---	---	---	1945
1946	---	63.1 ON MAR 07	---	---	1946
1947	---	56.4 ON MAR 25	0.878B ON JAN 28	---	1947
1948	---	98.3 ON MAR 19	0.170 ON AUG 01	---	1948
1949	---	51.3 RB ON FEB 15	0.340 ON JUL 09	124 000	1949
1950	---	63.4 ON APR 04	0.680B ON FEB 01	93 200	1950
1951	---	51.5 ON APR 12	0.623 ON AUG 19	106 000	1951
1952	---	64.0 RB ON MAR 11	0.510 ON AUG 31	109 000	1952
1953	---	43.0 ON MAR 04	0 ON AUG 31 *	66 400	1953
1954	---	60.6 ON MAR 25	0.623 ON JUL 18	127 000	1954
1955	---	9.34B ON MAR 01	0.934E ON JUL 01	90 900	1955
1956	---	63.7 ON APR 04	0.340 ON JUL 21	122 000	1956
1957	---	66.8 B ON FEB 26	0.566 ON JUL 25	84 500	1957
1958	---	21.0 B ON FEB 28	0.538 ON AUG 17	68 200	1958
1959	---	61.2 ON APR 01	0.595 ON JUL 30	81 500	1959
1960	101 AT 20:00 EST ON MAY 09	59.5 ON MAY 09	0.793 ON SEP 18	101 000	1960
1961	28.2 AT 16:30 EST ON APR 16	19.1 RB ON FEB 23	0.436B ON JAN 31	67 400	1961
1962	54.9B AT 20:15 EST ON MAR 23	12.9 B ON MAR 25	0.481 ON AUG 27	51 400	1962
1963	60.9 AT 12:30 EST ON MAR 25	15.1 ON MAR 25	0.572 ON JUL 07	54 300	1963
1964	39.9 AT 09:30 EST ON DEC 25	17.0 ON DEC 25	0.527 ON AUG 10	53 000	1964
1965	97.1 AT 14:15 EST ON FEB 10	54.7 ON FEB 10	0.595 ON AUG 15	82 600	1965
1966	33.4B AT 17:30 EST ON MAR 01	19.8 B ON MAR 01	0.436 ON JUL 17	63 700	1966
1967	62.3 AT 03:45 EST ON APR 03	29.2 ON APR 03	0.651 ON SEP 20	91 700	1967
1968	99.7 AT 19:15 EST ON FEB 02	60.3 ON FEB 03	0.572 ON AUG 15	100 000	1968
1969	44.5 AT 17:34 EST ON APR 18	23.9 ON APR 18	0.569 ON SEP 06	77 400	1969
1970	25.2 AT 14:52 EST ON APR 20	12.5 ON APR 03	0.685 ON AUG 08	68 800	1970
1971	45.3 AT 21:06 EST ON APR 02	39.1 ON APR 02	0.603 ON AUG 20	86 300	1971
1972	74.5 AT 20:14 EST ON APR 11	58.6 ON APR 13	---	---	1972
1973	---	---	---	---	1973
1974	---	42.5 B ON MAR 05	0.691 ON AUG 21	82 800	1974
1975	104 AT 00:47 EST ON FEB 25	53.8 B ON FEB 24	0.688 ON AUG 20	75 500	1975
1976	60.3 AT 09:52 EST ON MAR 21	47.6 ON MAR 21	0.835B ON DEC 13	98 000	1976
1977	71.4 AT 09:45 EST ON MAR 13	43.0 ON MAR 13	0.799B ON JAN 27	92 200	1977
1981	---	---	0.710 ON JUL 15	---	1981
1982	107 AT 20:22 EST ON MAR 31 *	55.7 ON MAR 31	1.00 ON JUL 14	112 000	1982
1983	57.7 AT 13:26 EST ON MAR 19	33.2 ON MAR 19	0.761 ON JUL 27	99 500	1983
1984	---	114 B ON FEB 14 *	0.758 ON AUG 27	114 000	1984
1985	---	64.0 B ON FEB 24	0.738 ON AUG 13	107 000	1985
1986	69.7 AT 05:28 EST ON AUG 27	43.8 ON SEP 11	0.881 ON JUL 11	134 000	1986
1987	---	35.0 B ON MAR 02	0.855 ON AUG 24	89 700	1987
1988	48.5 AT 03:43 EST ON MAR 24	20.0 B ON MAR 24	0.423 ON JUL 08	65 900	1988
1989	---	16.3 ON NOV 15	0.623 ON AUG 01	72 400	1989
				89 000	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD
R - REVISED SINCE JAN 01 1989

EAGLE RIVER AT EAGLE RIVER - STATION NO. 05QD003

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1914	---	---	5.46	5.72	8.93	22.6	22.5	15.5	11.2	11.6	10.2	9.39	---	1914
1915	8.49	7.76	7.49	8.02	16.2	18.6	20.0	13.5	9.31	8.44	8.30	9.07	11.3	1915
1916	10.1	10.8	9.71	13.3	45.2	54.7	35.9	28.1	23.1	20.7	16.3	14.7	23.6	1916
1917	14.1	12.6	11.6	10.6	15.7	13.0	10.9	11.1	8.76	7.05	7.60	7.93	10.9	1917
1918	8.25	8.05	7.83	9.59	14.7	16.1	14.6	12.5	8.49	6.13	7.22	7.96	10.1	1918
1919	7.36	7.16	7.07	8.81	12.0	17.4	47.8	41.7	35.0	29.6	23.7	18.5	21.5	1919
1920	14.6	12.4	10.3	11.5	23.7	31.9	21.1	10.7	5.88	---	---	---	---	1920
1970	---	---	---	---	---	---	18.1	17.7	17.3	17.8	17.8	17.8	---	1970
1971	17.8	17.8	17.8	27.1	28.8	27.1	27.5	18.0	18.0	44.0	69.9	35.7	29.1	1971
1972	21.3	18.1	18.0	25.1	19.8	17.0	17.8	17.7	18.6	17.5	17.1	14.2	18.3	1972
1973	14.6	14.2	13.6	11.6	12.0	11.6	11.9	13.0	11.2	14.7	17.6	17.6	13.6	1973
1974	17.6	16.0	15.2	15.0	41.7	65.0	18.7	20.4	20.2	18.4	18.1	17.9	23.7	1974
1975	17.8	17.8	17.8	17.6	16.6	24.0	18.1	18.1	17.0	17.8	17.1	14.4	17.8	1975
1976	14.5	14.8	14.5	17.6	17.0	15.0	15.2	8.14	3.65	9.69	12.0	10.6	12.7	1976
1977	10.5	10.5	10.5	10.4	10.5	11.7	11.4	11.2	3.51	9.87	8.25	8.26	9.72	1977
1978	9.15	15.1	15.0	14.9	14.5	15.6	13.8	16.9	16.7	16.5	17.5	15.5	15.1	1978
1979	14.8	13.6	16.8	15.5	17.0	15.6	15.3	16.1	13.1	11.1	8.69	14.2	14.3	1979
1980	14.3	14.2	14.2	15.8	7.58	2.23	1.70	1.70	1.70	2.58	8.19	6.87	7.56	1980
1981	7.26	7.28	7.04	2.30	1.98	1.98	3.95	1.98	1.98	2.79	10.1	10.2	4.89	1981
1982	12.2	14.3	14.9	14.3	16.4	17.8	42.2	22.8	17.9	17.8	17.6	17.8	18.9	1982
1983	17.8	17.8	17.7	17.5	17.1	17.4	17.1	13.6	17.9	17.4	10.1	9.35	15.9	1983
1984	9.26	8.50	7.95	6.69	---	---	---	---	---	---	16.1	16.1	---	1984
1985	16.1	16.1	16.0	8.57	45.6	51.3	16.1	16.9	19.8	40.5	18.1	17.8	23.6	1985
1986	17.8	17.8	17.5	17.2	17.6	19.6	17.8	17.8	14.1	12.3 R	9.18R	8.70R	15.4 R	1986
1987	91.5	97.0	103	124	91.4	91.4	82.3	82.3	75.6	75.6	73.2	71.6	88.1	1987
1988	6.65	6.65	6.65	5.67	3.82	3.82	3.82	3.82	3.82	3.82	3.82	4.68	4.68	1988
1989	3.82	3.82	3.76	3.82	6.68	8.50	8.92	9.18	9.01	9.05	8.65	5.99	6.78	1989
1990	3.81	3.68	6.51	6.51	3.68	5.66	9.63	8.90	4.96	7.04	8.07	7.93	6.39	1990
MEAN	15.4	15.5	15.3	16.5	20.2	22.9	20.1	17.4	15.1	17.3 R	17.0 R	15.2 R	17.7 R	MEAN

LOCATION - LAT 49 47 20 N
LONG 093 11 40 W
DRAINAGE AREA, 2 510 km^2
REGULATED SINCE 1920

DATA CONTRIBUTED BY - GREAT LAKES FOREST PRODUCTS LIMITED

R - REVISED SINCE JAN 01 1989

EAGLE RIVER AT EAGLE RIVER - STATION NO. 05QD003

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1914	---	28.1 ON JUN 17	---	---	1914
1915	---	21.9 ON JUL 01	6.94 ON APR 03	356 000	1915
1916	---	64.0 ON JUN 06	8.95 ON APR 09	746 000	1916
1917	---	17.6 ON MAY 17	6.00 ON OCT 14	344 000	1917
1918	---	17.1 ON JUN 01	5.44 ON OCT 25	320 000	1918
1919	---	51.3 ON JUL 12	6.82 ON FEB 18	677 000	1919
1920	---	34.8 ON JUN 12	---	---	1920
1970	---	---	---	---	1970
1971	---	85.8 ON NOV 03	9.06 ON JUL 01	919 000	1971
1972	---	43.3 ON JAN 01	2.83 ON JUN 19	580 000	1972
1973	---	18.1 ON OCT 19	6.09 ON JUL 07	430 000	1973
1974	---	90.6 ON JUN 08	11.5 ON APR 25	747 000	1974
1975	---	33.4 ON JUN 06	1.47 ON MAY 09	562 000	1975
1976	---	22.3 ON APR 15	0 ON AUG 19 *	402 000	1976
1977	---	17.7 ON JUN 20	0 ON SEP 10	307 000	1977
1978	---	18.7 ON SEP 16	0 ON JUL 10	476 000	1978
1979	---	18.4 ON JUL 25	0 ON SEP 04	452 000	1979
1980	---	22.9 ON APR 22	0 ON DEC 06	239 000	1980
1981	---	16.4 ON JUL 21	1.98 ON APR 07	154 000	1981
1982	---	49.8 ON JUL 05	9.91 ON JAN 04	596 000	1982
1983	---	18.7 ON AUG 31	9.20 ON DEC 19	500 000	1983
1984	---	---	---	---	1984
1985	---	100 ON MAY 01	0 E ON APR 16	745 000	1985
1986	---	19.5 ON AUG 08	7.93 ON SEP 17	486 000	1986
1987	---	134 ON APR 01 *	0 ON JAN 13	2 760 000	1987
1988	---	7.79 ON APR 01	3.82 ON APR 15	148 000	1988
1989	---	10.2 ON JUN 13	2.83 ON MAR 16	214 000	1989
1990	---	9.63 ON JUN 21	3.68 ON JAN 15	201 000	1990
	E - ESTIMATED	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		558 000	MEAN

EAST BRANCH SCOTCH RIVER NEAR ST. ISIDORE DE PRESCOTT - STATION NO. 02LB012

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1970	0.087	0.137	0.305	5.53	0.715	0.056	0.017	0.001	0.008	0.067	0.069	0.164	0.591	1970
1971	0.177	0.100	0.094	6.44	0.804	0.132	0.007	0.034	0.127	0.096	0.215	1.03	0.767	1971
1972	0.397	0.064	0.155	6.86	1.39	0.890	1.85	1.38	0.091	1.36	1.79	0.843	1.42	1972
1973	2.34	0.855	4.74	2.03	1.19	0.627	0.115	0.804	0.047	0.457	0.529	0.974	1.23	1973
1974	1.52	1.55	4.35	5.06	1.80	0.484	0.059	0.384	0.112	0.065	0.828	1.36	1.46	1974
1975	0.583	0.303	1.79	5.10	0.441	0.120	0.028	0.012	0.259	1.20	1.43	1.54	1.07	1975
1976	0.214	1.34	4.96	2.63	1.32	0.164	0.029	0.006	0.032	0.336	0.481	0.190	0.991	1976
1977	0.074	0.036	4.59	1.86	0.239	0.027	0.018	0.007	0.884	2.12	1.37	1.34	1.06	1977
1978	1.20	0.671	0.711	7.48	0.465	0.065	0.002	0.006	0.006	0.004	0.026	0.030	0.879	1978
1979	---	---	---	2.48	0.475	0.154	0.018	0.023	1.30	0.931	1.28	---	---	1979
1980	---	---	---	2.70	0.661	0.076	0.016	0.023	0.465	0.774	1.24	---	---	1980
1981	---	---	0.988	1.15	1.05	1.91	0.258	0.940	0.767	1.44	1.64	---	---	1981
1982	---	---	---	4.04	0.370	0.102	0.019	0.060	0.089	0.172	0.956	---	---	1982
1983	---	---	---	3.18	2.19	0.300	0.018	0.004	0	0.024	1.50	---	---	1983
1984	---	---	---	3.76	0.939	0.161	0.021	0.058	0.032	0.034	0.329	---	---	1984
1985	---	---	---	2.47	0.224	0.119	0.027	0.003	0.020	0.090	0.424	---	---	1985
1986	---	---	---	1.37	0.708	0.124	0.145	0.226	0.996	1.21	0.946	---	---	1986
1987	---	---	---	1.41	0.212	0.903	0.330	0.070	0.067	0.276	0.708	---	---	1987
1988	---	---	---	1.79	0.560	0.093	0.072	0.006	0.002	0.285	1.68	---	---	1988
1989	---	---	---	1.77	0.898	0.332	0.009	0.001	0	0.004	0.577	---	---	1989
1990	---	---	---	2.66	0.743	0.106	0.169	0.102	0.069	1.30	1.05	---	---	1990
MEAN	0.732	0.562	2.27	3.43	0.828	0.331	0.154	0.198	0.256	0.583	0.908	0.830	1.05	MEAN

LOCATION - LAT 45 22 11 N LONG 074 54 00 W DRAINAGE AREA, 76.7 km^2 NATURAL FLOW

REMARKS - SEASONAL MAY-DEC.

EAST BRANCH SCOTCH RIVER NEAR ST. ISIDORE DE PRESCOTT - STATION NO. 02LB012

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1970	23.0 AT 17:59 EST ON APR 13	14.7 ON APR 13	0 ON AUG 08 *	18 600	1970
1971	17.6 AT 19:05 EST ON APR 20	15.3 ON APR 20	0.001 ON JUL 23	24 200	1971
1972	---	14.7 ON APR 19	0.024B ON FEB 11	44 900	1972
1973	---	10.0 B ON MAR 17	0.025 ON SEP 16	38 900	1973
1974	---	19.8 B ON MAR 08	0.010 ON AUG 26	46 100	1974
1975	28.9 AT 13:45 EST ON APR 19 *	20.6 ON APR 19	0 ON JUL 17	33 600	1975
1976	---	17.0 B ON MAR 28	0.001 ON AUG 07	31 300	1976
1977	---	17.3 B ON MAR 14	0.002 ON JUL 27	33 300	1977
1978	---	23.6 ON APR 15	0 ON JUL 08	27 700	1978
1979	19.2 AT 19:20 EST ON SEP 14	17.0 B ON MAR 25	0 ON JUL 21	---	1979
1980	---	13.0 B ON MAR 22	0 ON AUG 25	---	1980
1981	---	28.6 B ON FEB 21 *	0.043 ON AUG 04	---	1981
1982	---	16.6 B ON APR 01	0.001 ON AUG 21	---	1982
1983	---	11.5 ON MAR 20	0 ON AUG 17	---	1983
1984	15.2 AT 04:30 EST ON APR 06	14.0 ON APR 06	0 ON AUG 03	---	1984
1985	---	13.0 B ON MAR 13	0 ON JUL 25	---	1985
1986	---	---	---	---	1986
1987	---	20.0 B ON MAR 25	0.003 ON SEP 05	---	1987
1988	---	7.66B ON MAR 27	0 ON AUG 12	---	1988
1989	---	13.2 B ON MAR 28	0 ON JUL 21	---	1989
1990	13.4 AT 11:40 EST ON APR 04	---	---	---	1990
				33 200	MEAN

B - ICE CONDITIONS * - EXTREME RECORDED FOR THE PERIOD OF RECORD

EAST CANAGAGIGUE CREEK NEAR FLORADALE - STATION NO. 02GA035

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1970	---	---	---	---	---	---	---	0.052	0.131	0.209	0.347	0.419	---	1970
1971	0.202	0.270	0.368	1.56	0.144	0.142	0.154	0.099	0.072	0.087	0.096	0.285	0.288	1971
1972	0.224	0.099	0.268	1.93	0.165	0.147	0.072	0.061	0.071	0.194	0.305	0.341	0.321	1972
1973	0.366	0.320	1.64	0.437	0.369	0.124	0.069	0.094	0.075	0.097	0.303	0.212	0.343	1973
1974	0.437	0.184	1.05	0.947	0.949	0.162	0.115	0.074	0.079	0.083	0.152	0.111	0.364	1974
1975	0.208	0.359	0.573	1.16	0.220	0.219	0.099	0.144	0.164	0.141	0.193	0.304	0.314	1975
1976	0.185	0.542	1.56	0.627	0.387	0.281	0.262	0.130	0.148	0.183	0.197	0.118	0.385	1976
1977	0.067	0.094	1.13	0.344	0.129	0.113	0.122	0.118	0.244	0.336	0.338	0.312	0.281	1977
1978	0.159	0.106	0.252	1.69	0.285	0.126	0.093	0.090	0.150	0.139	0.146	0.161	0.281	1978
1979	0.130	0.070	1.46	0.953	0.257	0.110	0.091	0.084	0.088	0.105	0.301	0.473	0.345	1979
1980	0.224	0.098	1.01	0.585	0.209	0.171	0.129	0.150	0.185	0.249	0.190	0.332	0.296	1980
1981	0.100	1.16	0.723	0.269	0.189	0.112	0.088	0.129	0.240	0.397	0.276	0.198	0.283	1981
1982	0.139	0.064	0.832	1.16	0.158	0.187	0.095	0.133	0.213	0.156	0.709	0.900	0.396	1982
1983	0.254	0.401	0.420	0.551	0.716	0.179	0.090	0.104	0.110	0.149	0.191	0.321	0.290	1983
1984	0.104	0.956	0.705	0.476	0.181	0.179	0.094	0.087	0.123	0.099	0.250	0.579	0.317	1984
MEAN	0.200	0.337	0.828	0.906	0.311	0.161	0.112	0.103	0.140	0.175	0.266	0.338	0.322	MEAN

LOCATION - LAT 43 39 04 N DRAINAGE AREA, 27.7 km^2
LONG 080 34 20 W NATURAL FLOW

REMARKS - DISCONTINUED FEB 01 1985. NO DATA PLUBLISHED FOR 1985.

EAST CANAGAGIGUE CREEK NEAR FLORADALE - STATION NO. 02GA035

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1970	---	---	---	---	1970
1971	6.57 AT 19:31 EST ON APR 11	4.59 ON APR 13	0.057 ON AUG 21	9 090	1971
1972	21.2 AT 22:15 EST ON APR 16	7.50 ON APR 13	0.051 ON JUL 31	10 200	1972
1973	26.7 AT 13:49 EST ON MAR 11 *	7.33 ON MAR 11	0.054 ON SEP 02	10 800	1973
1974	---	13.2 E ON MAY 17	0.042B ON FEB 18 *	11 500	1974
1975	20.0 AT 00:16 EST ON APR 19	7.22 ON APR 19	0.065 ON AUG 18	9 890	1975
1976	14.0 AT 02:22 EST ON MAR 21	8.24 ON MAR 21	0.079B ON DEC 31	12 200	1976
1977	12.5 AT 03:57 EST ON MAR 13	8.21 ON MAR 13	0.062B ON JAN 21	8 850	1977
1978	9.15 AT 03:05 EST ON APR 11	7.96 ON APR 11	0.082 ON AUG 13	8 880	1978
1979	13.1 AT 01:31 EST ON APR 14	9.12 ON APR 14	0.059B ON FEB 17	10 900	1979
1980	20.0 AT 11:22 EST ON MAR 21	8.97 ON MAR 21	0.081B ON MAR 12	9 350	1980
1981	8.92 AT 13:26 EST ON FEB 23	6.43 ON FEB 23	0.069 ON JUL 12	8 940	1981
1982	17.9 AT 16:06 EST ON MAR 31	13.3 ON MAR 31 *	0.059B ON FEB 13	12 500	1982
1983	8.60 AT 18:55 EST ON MAY 02	4.01 ON MAY 02	0.075 ON SEP 15	9 140	1983
1984	---	4.62 ON DEC 29	0.070B ON JAN 23	10 000	1984
				10 200	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

EAST CASTOR RIVER NEAR RUSSELL - STATION NO. 02LB021

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1979	0.027	0.013	6.21	3.94	0.619	0.329	0.092	0.075	0.577	0.507	1.39	2.92	1.40	1979
1980	1.06	0.049	5.91	4.69	0.888	0.178	0.081	0.048	0.162	0.655	1.20	1.89	1.41	1980
1981	0.092	8.08	1.58	1.61	1.41	1.26	0.744	2.05	3.29	3.29	2.59	0.548	2.16	1981
1982	0.450	0.113	2.59	11.8	0.503	0.290	0.121	0.101	0.098	0.237	1.11	4.28	1.81	1982
1983	1.22	1.54	3.80	5.77	2.83	0.265	0.053	0.019	0.012	0.074	2.28	2.83	1.72	1983
MEAN	0.570	1.96	4.02	5.56	1.25	0.464	0.218	0.459	0.828	0.953	1.71	2.49	1.70	MEAN

LOCATION - LAT 45 13 43 N LONG 075 19 32 W
DRAINAGE AREA, 145 km²
NATURAL FLOW

REMARKS - DISCONTINUED DEC 31 1983

EAST CASTOR RIVER NEAR RUSSELL - STATION NO. 02LB021

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1979	79.9 AT 01:01 EST ON MAR 25	64.5 ON MAR 25	0.010B ON FEB 19	44 200	1979
1980	---	59.7B ON MAR 22	0.021 ON AUG 22	44 500	1980
1981	---	35.6B ON FEB 21	0.062B ON FEB 01	68 200	1981
1982	84.8 AT 18:30 EST ON APR 02 *	78.0B ON APR 01 *	0.020 ON AUG 21	57 100	1982
1983	26.4 AT 14:07 EST ON MAR 19	21.9 ON MAR 19	0.001 ON SEP 10 *	54 300	1983
				53 700	MEAN

B - ICE CONDITIONS * - EXTREME RECORDED FOR THE PERIOD OF RECORD

EAST HUMBER RIVER AT KING CREEK - STATION NO. 02HC032

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1965	---	---	---	---	---	---	---	---	---	0.186	0.371	0.569	---	1965
1966	0.402	0.389	1.33	0.537	0.351	0.153	0.058	0.070	0.067	0.069	0.168	0.468	0.339	1966
1967	0.272	0.194	1.01	1.54	0.348	0.290	0.531	0.218	0.152	0.421	0.747	0.764	0.542	1967
1968	0.223	1.15	2.09	0.744	0.481	0.195	0.110	0.110	0.105	0.098	0.272	0.429	0.499	1968
1969	0.787	0.519	1.49	1.62	0.767	0.156	0.068	0.081	0.059	0.072	0.184	0.136	0.495	1969
1970	0.109	0.139	0.504	1.61	0.448	0.110	0.121	0.085	0.083	0.144	0.259	0.328	0.328	1970
1971	0.186	0.226	0.802	2.30	0.270	0.104	0.166	0.166	0.146	0.083	0.092	0.347	0.406	1971
1972	0.248	0.142	0.337	4.53	0.436	0.191	0.111	0.158	0.078	0.225	0.409	0.437	0.603	1972
1973	0.943	0.708	2.42	1.40	0.640	0.279	0.118	0.101	0.074	0.105	0.366	0.284	0.620	1973
1974	0.451	0.560	2.02	1.39	1.02	0.224	0.118	0.067	0.072	0.089	0.208	0.195	0.534	1974
1975	0.266	1.27	1.39	1.48	0.481	---	---	---	---	---	---	1.18	---	1975
1976	0.135	0.723	2.23	0.861	0.734	0.194	0.315	0.433	0.187	0.282	0.237	0.150	0.541	1976
1977	0.138	0.141	2.12	0.677	0.259	0.121	0.141	0.145	0.355	0.970	0.876	0.955	0.579	1977
1978	0.633	0.378	1.12	1.01	1.12	0.213	0.088	0.121	0.191	0.238	0.303	0.264	0.705	1978
1979	0.299	0.191	3.27	1.95	0.742	0.238	0.120	0.160	0.141	0.523	0.880	1.25	0.819	1979
1980	0.777	0.115	1.91	1.95	0.595	0.191	0.371	0.194	0.143	0.215	0.331	0.642	0.622	1980
1981	0.152	2.56	0.589	0.450	0.522	0.188	0.207	0.199	0.442	0.496	0.702	0.421	0.563	1981
1982	0.231	0.226	2.24	2.54	0.319	0.635	0.313	0.215	0.491	0.472	1.26	1.67	0.886	1982
1983	0.773	0.973	0.911	1.31	1.25	0.296	0.083	0.105	0.105	0.172	0.540	0.532	0.584	1983
1984	0.178	2.48	1.99	1.28	0.693	0.282	0.148	0.108	0.223	0.155	0.424	0.485	0.696	1984
1985	0.329	1.68	2.80	1.72	0.300	0.194	0.105	0.178	0.187	0.169	1.13	0.602	0.775	1985
1986	0.382	0.267	2.18	0.805	0.457	0.292	0.197	1.69	1.99	1.16	0.480	0.607	0.881	1986
1987	0.402	0.239	1.87	1.51	0.230	0.295	0.234	0.102	0.090	0.125	0.290	0.601	0.501	1987
1988	0.388	0.313	1.29	0.897	0.689	0.114	0.100	0.083	0.119	0.199	0.355	0.233	0.399	1988
1989	0.269	0.142	0.946	0.818	0.941	1.07	0.117	0.111	0.113	0.177	0.781	0.209	0.475	1989
1990	0.524	1.05	2.37	0.996	0.512	0.481	0.245	0.126	0.103	0.377	0.417	0.918	0.676	1990
MEAN	0.380	0.671	1.65	1.55	0.584	0.271	0.174	0.209	0.238	0.289	0.483	0.564	0.586	MEAN

LOCATION - LAT 43 54 10 N LONG 079 36 46 W
DRAINAGE AREA, 94.8 km²
NATURAL FLOW

EAST HUMBER RIVER AT KING CREEK - STATION NO. 02HC032

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1965	---	---	---	---	1965
1966	4.39 AT 17:45 EST ON MAR 13	3.91B ON MAR 01	0.045 ON JUN 27	10 700	1966
1967	12.0 AT 08:00 EST ON APR 03	8.58 ON APR 03	0.062 ON JUN 06	17 100	1967
1968	11.6 B AT 19:00 EST ON MAR 18	7.96B ON MAR 19	0.068 ON JUL 29	15 800	1968
1969	18.4 AT 00:28 EST ON MAR 21	10.5 ON MAR 21	0.034 ON JUL 02	15 600	1969
1970	---	4.84E ON APR 09	0.054 ON AUG 27	10 300	1970
1971	8.67 AT 00:46 EST ON APR 10	5.55 ON APR 10	0.054 ON AUG 20	12 800	1971
1972	19.7 E AT 22:00 EST ON APR 13	18.1 E ON APR 13	0.057 ON JUL 31	19 100	1972
1973	9.94 AT 21:42 EST ON MAR 11	6.51B ON FEB 03	0.057 ON SEP 19	19 500	1973
1974	---	13.0 B ON MAR 05	0.026 ON JUL 18 *	16 900	1974
1975	20.9 AT 21:29 EST ON FEB 24	11.6 ON FEB 24	---	---	1975
1976	16.1 AT 21:32 EST ON MAR 20	12.1 ON MAR 21	0.102 ON JUN 13	17 100	1976
1977	12.3 AT 13:58 EST ON MAR 13	9.97 ON MAR 13	0.062 ON JUN 14	18 300	1977
1978	14.6 AT 21:06 EST ON APR 07	12.1 ON APR 07	0.071 ON AUG 13	22 200	1978
1979	13.6 AT 12:04 EST ON MAR 14	10.5 ON MAR 14	0.068 ON JUL 30	25 800	1979
1980	16.4 AT 17:16 EST ON MAR 21	13.1 ON MAR 21	0.077 ON JUL 14	19 700	1980
1981	13.5 AT 02:45 EST ON FEB 19	11.6 ON FEB 19	0.073 ON JUL 18	17 700	1981
1982	24.2 AT 20:58 EST ON MAR 31	19.2 ON MAR 31	0.096 ON AUG 19	27 900	1982
1983	9.50 AT 11:51 EST ON FEB 03	7.03 ON FEB 03	0.061 ON JUL 27	18 400	1983
1984	23.6 AT 12:45 EST ON FEB 14	19.7 ON FEB 14	0.072 ON JUL 25	22 000	1984
1985	20.9 AT 23:47 EST ON FEB 24	13.5 B ON FEB 24	0.064E ON AUG 04	24 400	1985
1986	27.6 AT 18:11 EST ON AUG 15 *	14.3 ON MAR 19	0.076 ON JUL 16	27 800	1986
1987	13.1 AT 15:18 EST ON APR 05	10.0 ON APR 05	0.062 ON AUG 28	15 800	1987
1988	11.1 AT 02:26 EST ON MAY 17	6.69 ON MAR 24	0.060 ON JUL 21	12 600	1988
1989	7.05 AT 21:42 EST ON MAR 25	4.78 ON MAR 26	0.061 ON AUG 28	15 000	1989
1990	23.6 AT 06:44 EST ON MAR 12	21.1 ON MAR 12 *	0.079 ON SEP 08	21 300	1990
	B - ICE CONDITIONS E - ESTIMATED	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		18 500	MEAN

EAST HUMBER RIVER NEAR KLEINBURG - STATION NO. 02HC010

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1953	---	---	---	---	---	---	---	---	---	---	0.152	0.373	---	1953
1954	0.510	3.13	3.27	2.31	0.670	0.397	0.081	0.112	0.159	4.27	2.21	1.61	1.55	1954
1955	1.59	0.803	3.14	2.63	0.497	0.430	0.102	0.131	0.153	0.394	0.564	0.248	0.891	1955
1956	0.224	0.170	2.39	---	---	---	---	---	---	---	---	---	---	1956
MEAN	0.775	1.37	2.93	2.47	0.584	0.414	0.092	0.122	0.156	2.33	0.975	0.744	1.22	MEAN

LOCATION - LAT 43 52 10 N LONG 079 38 05 W DRAINAGE AREA, 132 km^2 NATURAL FLOW

EAST HUMBER RIVER NEAR KLEINBURG - STATION NO. 02HC010

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1953	---	---	---	---	1953
1954	---	35.4E ON OCT 16 *	0.057 ON JUL 15 *	48 900	1954
1955	---	13.1 ON APR 15	0.085 ON JUL 08	28 100	1955
1956	---	---	---	---	1956
	E - ESTIMATED	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		38 500	MEAN

EAST HUMBER RIVER NEAR PINE GROVE - STATION NO. 02HC009

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1953	---	---	---	---	---	---	---	---	---	0.295	0.404	0.619	---	1953
1954	0.889	3.19	3.38	2.71	0.992	0.739	0.368	0.315	0.372	6.52	1.95	2.18	1.96	1954
1955	1.61	2.29	4.29	3.22	0.463	0.266	0.144	0.434	0.453	0.599	0.830	0.496	1.25	1955
1956	0.507	0.358	3.19	4.34	2.85	1.41	2.51	1.85	1.47	1.05	0.939	1.38	1.83	1956
1957	1.80	3.34	3.30	2.60	1.34	1.09	0.556	0.270	0.327	0.549	0.510	1.34	1.40	1957
1958	0.389	0.417	2.60	1.19	0.310	0.265	0.261	0.205	0.254	0.242	0.280	0.255	0.557	1958
1959	0.227	0.198	1.84	5.74	0.674	0.325	0.238	0.260	0.241	0.275	0.492	0.607	0.924	1959
1960	0.344	0.839	0.637	7.16	4.83	0.886	0.357	0.254	0.187	0.240	0.379	0.430	1.37	1960
1961	0.312	1.66	2.56	2.13	1.15	0.653	0.275	0.238	0.212	0.215	0.279	0.312	0.826	1961
1962	0.170	0.137	3.24	1.09	0.279	0.180	0.157	0.128	0.206	0.342	0.720	0.521	0.599	1962
1963	0.198	0.198	3.71	1.27	1.43	0.318	0.156	0.213	0.177	0.150	0.271	0.266	0.703	1963
1964	0.467	0.152	2.09	1.13	0.551	0.201	0.185	0.278	0.183	0.179	0.217	0.506	0.514	1964
1965	0.323	2.66	2.35	3.12	0.630	0.180	0.176	0.150	0.154	0.351	0.588	0.894	0.959	1965
1966	0.791	0.963	5.86	2.14	0.779	0.318	0.117	0.121	0.133	0.158	0.284	0.816	0.706	1966
1967	0.556	0.513	5.14	2.92	0.697	0.680	1.11	0.394	0.322	0.651	1.38	1.51	1.07	1967
1968	0.676	2.28	7.30	4.75	0.955	0.436	0.270	0.245	0.281	0.270	0.588	1.18	1.35	1968
1969	1.26	1.16	4.90	3.29	1.64	0.428	0.228	0.201	0.154	0.216	0.405	0.200	1.17	1969
1970	0.345	0.478	1.56	3.33	0.811	0.275	0.261	0.236	0.253	0.343	0.521	0.608	0.750	1970
1971	0.445	0.482	2.07	4.82	0.533	0.257	0.324	0.348	0.287	0.225	0.324	0.650	0.896	1971
1972	0.500	0.344	0.932	9.52	0.787	0.422	0.274	0.312	0.198	0.453	0.817	0.773	1.27	1972
1973	2.38	1.50	5.29	2.67	1.26	0.556	0.272	0.234	0.190	0.288	0.643	0.560	1.32	1973
1974	1.50	1.34	4.84	2.67	2.22	0.488	0.253	0.148	0.156	0.229	0.467	0.392	1.23	1974
1975	0.677	2.50	2.47	2.95	0.936	0.262	0.162	0.128	0.191	0.212	0.257	0.263	0.904	1975
1976	0.288	1.94	4.86	1.72	1.43	0.400	0.710	0.812	0.395	0.539	0.441	0.270	1.15	1976
1977	0.223	0.327	5.03	1.32	0.450	0.261	0.314	0.300	0.785	1.84	1.63	1.85	1.20	1977
1978	1.15	0.552	4.44	8.45	2.40	0.466	0.247	0.329	0.407	0.456	0.554	0.572	1.50	1978
1979	0.718	0.459	7.23	3.34	1.46	0.525	0.275	0.334	0.286	0.824	1.49	2.60	1.64	1979
1980	1.31	0.346	4.41	4.34	1.46	0.518	0.737	0.418	0.329	0.484	0.607	1.06	1.34	1980
1981	0.289	5.62	1.18	0.994	1.10	0.437	0.456	0.417	0.906	1.18	1.51	1.03	1.23	1981
1982	0.718	0.309	5.65	4.90	0.777	1.74	0.505	0.424	0.826	0.797	2.55	3.86	1.94	1982
1983	1.61	2.12	2.10	2.87	2.78	0.644	0.242	0.299	0.279	0.429	0.899	0.935	1.26	1983
1984	0.347	5.27	4.29	2.54	1.33	0.636	0.373	0.295	0.560	0.438	0.877	0.883	1.47	1984
1985	0.743	3.63	6.49	3.82	0.754	0.545	0.336	0.564	0.549	0.498	2.43	1.18	1.78	1985
1986	0.842	0.569	4.71	1.54	1.04	0.754	0.621	3.56	5.04	2.44	1.08	1.40	1.98	1986
1987	0.981	0.578	4.06	3.51	0.536	0.546	0.597	0.336	0.341	0.406	0.811	1.27	1.17	1987
1988	0.703	0.865	2.92	1.94	1.26	0.316	0.231	0.212	0.330	0.418	0.642	0.495	0.862	1988
1989	0.739	0.500	2.05	1.07	1.22	1.43	0.317	0.390	0.358	0.427	1.37	0.444	0.860	1989
1990	1.15	2.18	5.13	1.92	1.02	0.739	0.457	0.406	0.322	0.849	0.777	1.86	1.40	1990
MEAN	0.762	1.41	3.52	3.11	1.22	0.557	0.410	0.434	0.490	0.686	0.825	0.960	1.20	MEAN

LOCATION - LAT 43 47 22 N DRAINAGE AREA, 197 km²
LONG 079 35 06 W NATURAL FLOW

EAST HUMBER RIVER NEAR PINE GROVE - STATION NO. 02HC009

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1953	---	---	---	---	1953
1954	---	83.3 E ON OCT 16 *	0.057 ON JUL 28	61 900	1954
1955	---	17.0 ON APR 15	0.028 ON JUN 30	39 400	1955
1956	---	24.6 ON MAY 12	0.283B ON JAN 09	57 800	1956
1957	---	13.6 B ON FEB 27	0.227 ON AUG 05	44 300	1957
1958	---	4.98 ON MAR 25	0.170 ON AUG 15	17 600	1958
1959	35.7 AT 17:00 EST ON APR 01	31.1 ON APR 02	0.193 ON OCT 20	29 100	1959
1960	---	25.3 ON APR 04	0.164 ON SEP 07	43 400	1960
1961	---	7.28B ON FEB 24	0.057B ON JAN 23	26 100	1961
1962	---	8.13B ON MAR 23	0.045 ON AUG 30	18 900	1962
1963	28.1 AT 00:30 EST ON MAR 26	18.2 ON MAR 26	0.051 ON AUG 07	22 200	1963
1964	---	5.66B ON MAR 15	0.006 ON AUG 07 *	16 300	1964
1965	---	34.0 B ON FEB 10	0.119 ON AUG 20	30 200	1965
1966	---	8.50B ON FEB 11	0.071 ON SEP 21	22 300	1966
1967	23.2 AT 06:30 EST ON APR 03	17.0 ON APR 03	0.133 ON OCT 08	33 900	1967
1968	25.4 AT 19:50 EST ON MAR 18	17.5 B ON FEB 02	0.122B ON FEB 26	34 800	1968
1969	26.6 AT 10:31 EST ON MAR 21	21.5 ON MAR 18	0.130 ON SEP 04	37 000	1969
1970	11.3 AT 05:18 EST ON APR 09	10.1 ON APR 09	0.142 ON AUG 10	23 700	1970
1971	20.7 AT 09:05 EST ON APR 02	18.7 ON APR 02	0.110 ON AUG 09	28 200	1971
1972	49.0 AT 20:19 EST ON APR 13	38.5 ON APR 13	0.110 ON AUG 03	40 100	1972
1973	27.3 AT 23:01 EST ON MAR 12	14.9 ON MAR 12	0.127 ON SEP 12	41 700	1973
1974	60.6 AT 03:50 EST ON MAR 05 *	46.2 ON MAR 05	0.119 ON JUL 24	38 700	1974
1975	56.1B AT 23:49 EST ON FEB 24	30.6 ON FEB 25	0.082 ON AUG 19	28 500	1975
1976	40.5 AT 05:42 EST ON MAR 21	31.4 ON MAR 21	0.184B ON JAN 23	36 400	1976
1977	23.2 AT 10:35 EST ON MAR 13	19.0 ON MAR 13	0.088 ON JUL 30	30 000	1977
1978	30.3 AT 22:23 EST ON APR 07	27.1 ON APR 07	0.170 ON JUL 29	47 300	1978
1979	31.7 AT 03:55 EST ON MAR 05	25.5 ON MAR 05	0.139 ON AUG 15	51 700	1979
1980	45.7 AT 17:37 EST ON MAR 21	30.1 ON MAR 21	0.176 ON JUL 14	42 400	1980
1981	31.1 AT 22:11 EST ON FEB 18	26.3 ON FEB 19	0.198 ON JUL 16	38 700	1981
1982	41.0 AT 03:56 EST ON APR 01	30.0 ON APR 01	0.236 ON JUL 16	61 000	1982
1983	19.1 AT 08:43 EST ON FEB 03	14.4 ON FEB 03	0.164 ON SEP 09	39 800	1983
1984	50.3 AT 16:58 EST ON FEB 14	40.0 B ON FEB 14	0.105 ON AUG 01	46 500	1984
1985	37.1 AT 02:44 EST ON FEB 25	29.4 ON FEB 25	0.187 ON AUG 04	56 100	1985
1986	44.7 AT 06:47 EST ON SEP 11	30.0 ON SEP 11	0.282 ON JUL 11	52 300	1986
1987	23.8 AT 13:48 EST ON APR 05	20.9 ON APR 05	0.213 ON AUG 24	36 900	1987
1988	16.5 AT 17:50 EST ON MAR 24	11.4 ON MAR 26	0.148 ON JUL 15	27 200	1988
1989	22.7 AT 13:07 EST ON AUG 04	10.9 ON MAR 26	0.181 ON JUL 21	27 100	1989
1990	59.0 AT 11:39 EST ON MAR 12	43.4 ON MAR 12	0.262 ON SEP 04	44 100	1990
				37 800	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

EAST OAKVILLE CREEK NEAR OMAGH - STATION NO. 02HB004

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1957	3.19	6.21	2.51	3.32	---	0.828	0.380	0.145	0.372	0.555	0.744	1.73	---	1957
1958	0.270	0.746	3.85	0.676	0.150	0.102	0.073	0.021	0.092	0.130	0.195	0.058	0.531	1958
1959	0.061	0.328	3.59	6.87	0.516	0.086	0.089	0.049	0.017	0.130	0.279	1.06	1.09	1959
1960	1.06	1.22	3.71	8.77	5.54	0.788	0.193	0.051	0.041	0.056	0.223	0.075	1.81	1960
1961	0.038	3.02	3.25	3.63	1.20	0.666	0.338	0.181	0.128	0.077	0.191	0.279	1.08	1961
1962	0.141	0.325	5.12	1.20	0.230	0.229	0.070	0.047	0.076	0.573	2.57	1.21	0.988	1962
1963	0.247	0.078	6.02	1.04	1.06	0.204	0.070	0.117	0.045	0.026	0.087	0.108	0.768	1963
1964	0.755	0.192	3.48	2.36	0.890	0.076	0.123	0.303	0.057	0.076	0.137	0.498	0.749	1964
1965	1.05	4.44	3.68	6.64	0.559	0.067	0.105	0.064	0.050	0.348	0.914	2.24	1.65	1965
1966	0.784	2.91	5.90	1.20	0.708	0.304	0.010	0.019	0.019	0.047	0.315	2.12	1.18	1966
1967	1.38	1.41	8.38	4.94	0.818	0.987	0.960	0.161	0.143	0.357	0.828	2.90	1.96	1967
1968	0.262	4.74	7.10	1.07	0.791	0.400	0.390	0.475	0.665	0.311	2.29	1.83	1.59	1968
1969	5.65	0.655	7.00	4.98	2.49	0.287	0.734	1.81	0.111	0.197	0.819	0.278	2.10	1969
1970	0.313	1.08	4.39	4.67	1.06	0.233	0.160	0.121	0.247	0.404	1.03	2.28	1.33	1970
1971	0.638	0.844	5.94	4.88	0.411	0.313	0.254	0.248	0.184	0.153	0.147	0.532	1.21	1971
1972	1.32	0.342	4.19	8.99	0.650	0.458	0.547	0.296	0.228	1.10	2.58	2.53	1.93	1972
1973	2.88	2.48	10.8	2.47	0.842	0.299	0.210	0.198	0.158	0.422	3.07	2.21	2.17	1973
1974	6.11	2.46	5.28	4.09	5.93	0.606	0.291	0.203	0.212	0.169	0.293	0.318	2.17	1974
1975	0.707	3.43	3.71	3.11	1.50	0.372	0.173	0.226	0.314	0.299	0.395	1.07	1.26	1975
1976	0.500	9.88	8.60	3.68	2.75	0.409	0.460	0.285	0.450	0.387	0.400	0.254	2.32	1976
1977	0.161	0.373	8.27	3.21	0.377	0.258	0.216	0.281	2.22	2.82	2.27	5.90	2.21	1977
1978	0.878	0.371	7.48	7.20	1.78	0.318	0.216	0.226	0.413	0.306	0.357	0.499	1.68	1978
1979	1.11	0.638	8.67	5.65	1.78	0.585	0.231	0.271	0.266	0.335	0.678	4.67	2.09	1979
1980	1.22	0.242	3.59	5.12	0.936	0.323	0.233	0.166	0.226	0.390	0.379	0.693	1.13	1980
1981	0.110	5.79	0.832	0.620	0.371	0.233	0.244	0.444	1.96	2.83	2.14	0.725	1.32	1981
1982	0.462	0.238	9.43	4.50	0.461	1.74	0.358	0.353	0.996	0.598	2.50	3.51	2.28	1982
1983	1.49	2.75	3.29	4.08	2.76	0.455	0.211	0.300	0.256	0.310	0.725	2.12	1.55	1983
1984	0.291	5.88	5.27	3.25	1.27	0.597	0.334	0.191	0.273	0.179	0.354	0.925	1.55	1984
1985	0.601	4.99	9.91	3.46	0.376	0.262	0.285	0.705	0.876	0.514	7.40	1.86	2.58	1985
1986	1.21	0.384	9.76	1.69	1.03	0.524	0.675	0.429	7.04	3.69	2.03	4.89	2.80	1986
1987	1.33	0.812	4.64	5.10	0.327	0.234	0.613	0.216	0.276	0.293	0.696	2.83	1.47	1987
1988	1.24	1.45	2.90	1.82	0.567	0.164	0.244	0.100	0.160	0.188	0.571	0.416	0.806	1988
1989	1.31	0.715	2.29	1.25	0.767	1.61	0.207	0.164	0.131	0.154	0.652	0.214	0.788	1989
1990	1.87	3.20	5.74	1.44	2.42	0.258	0.156	0.202	0.126	0.596	1.03	6.16	1.94	1990
MEAN	1.20	2.19	5.54	3.73	1.31	0.449	0.286	0.273	0.554	0.565	1.16	1.76	1.58	MEAN

LOCATION - LAT 43 29 55 N LONG 079 46 40 W DRAINAGE AREA, 199 km² NATURAL FLOW

EAST OAKVILLE CREEK NEAR OMAGH - STATION NO. 02HB004

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1957	---	37.9 ON JAN 22	0 ON JUL 28 *	---	1957
1958	---	16.7B ON MAR 02	0 ON JUL 02	16 800	1958
1959	---	42.5 ON APR 01	0 ON JUN 21	34 300	1959
1960	---	50.7B ON MAR 31	0.011 ON JUL 16	57 100	1960
1961	---	19.5 ON APR 16	0 B ON JAN 29	34 200	1961
1962	---	45.3 ON NOV 10	0.008 ON JUL 19	31 100	1962
1963	---	30.0 ON MAR 25	0.011B ON FEB 21	24 200	1963
1964	---	14.2B ON MAR 15	0.008 ON AUG 02	23 700	1964
1965	44.7 AT 08:00 EST ON APR 12	42.5B ON FEB 10	0.011 ON JUL 30	52 200	1965
1966	45.3 AT 12:00 EST ON MAR 05	32.0 ON MAR 05	0 ON JUL 21	37 200	1966
1967	71.4 AT 05:00 EST ON APR 03	38.8 ON APR 03	0.054 ON SEP 16	61 900	1967
1968	94.9 AT 19:10 EST ON FEB 02	69.1 ON FEB 02	0.076 ON NOV 26	50 400	1968
1969	104 AT 23:32 EST ON AUG 16	38.2 ON AUG 17	0.008 ON JUL 20	66 300	1969
1970	35.7 AT 20:23 EST ON APR 03	25.4 ON APR 03	0.028 ON AUG 12	42 000	1970
1971	53.2 AT 06:00 EST ON APR 02	39.1 ON APR 02	0.076 ON NOV 06	38 300	1971
1972	48.7 AT 17:16 EST ON APR 13	33.7 ON APR 13	0.136 ON JUL 13	61 100	1972
1973	68.0 AT 18:30 EST ON MAR 14	34.5 ON MAR 14	0.099 ON SEP 13	68 500	1973
1974	162 AT 01:17 EST ON MAY 17 *	82.7 ON MAY 17 *	0.116 ON OCT 28	68 500	1974
1975	68.2 AT 02:40 EST ON FEB 25	32.3 ON APR 19	0.099 ON AUG 01	39 700	1975
1976	71.9 AT 01:09 EST ON MAR 20	55.2 ON MAR 20	0.167 ON SEP 08	73 200	1976
1977	58.9 AT 00:15 EST ON MAR 10	39.1 ON MAR 13	0.102 ON JUL 24	69 800	1977
1978	58.6 AT 22:03 EST ON APR 01	42.5B ON MAR 21	0.133 ON JUL 19	52 900	1978
1979	82.3 AT 13:45 EST ON DEC 25	66.4 ON DEC 25	0.160 ON JUL 25	65 900	1979
1980	75.1 AT 02:50 EST ON APR 15	36.0B ON MAR 21	0.079 ON JUL 14	35 600	1980
1981	---	31.0B ON FEB 18	0.045 ON JUL 16	41 800	1981
1982	58.7 AT 21:09 EST ON DEC 25	44.5 ON MAR 31	0.133 ON JUL 27	71 800	1982
1983	35.3 AT 12:45 EST ON FEB 03	25.6 ON FEB 03	0.119 ON JUL 27	49 000	1983
1984	33.2 AT 16:25 EST ON APR 05	33.0B ON FEB 14	0.131 ON JUL 31	49 000	1984
1985	109 AT 22:59 EST ON FEB 24	51.9 ON FEB 25	0.115 ON JUL 30	81 300	1985
1986	90.7 AT 08:14 EST ON SEP 30	65.1 ON SEP 30	0.151 ON JUL 06	88 300	1986
1987	46.2 AT 11:32 EST ON APR 05	40.0 ON APR 05	0.113 ON AUG 21	46 300	1987
1988	19.4 AT 04:00 EST ON MAR 26	13.2 ON MAR 26	0.042 ON AUG 11	25 500	1988
1989	---	12.0B ON MAR 26	0.048 ON SEP 30	24 900	1989
1990	74.2 AT 02:00 EST ON DEC 30	47.6 ON DEC 30	0.083 ON AUG 10	61 100	1990
				49 800	MEAN

B - ICE CONDITIONS * - EXTREME RECORDED FOR THE PERIOD OF RECORD

EAST RIVER NEAR HUNTSVILLE - STATION NO. 02EB013

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1973	---	---	---	---	---	---	7.60	6.65	4.98	6.16	7.59	10.8	---	1973
1974	6.67	7.98	8.22	41.3	23.8	6.29	4.30	5.25	4.07	11.9	17.7	6.93	12.0	1974
1975	5.95	4.26	5.72	26.5	19.7	4.22	3.28	4.19	5.27	4.63	5.07	13.2	8.59	1975
1976	4.38	4.55	24.0	37.6	12.9	4.31	4.79	3.93	3.48	2.33	2.53	4.00	9.13	1976
1977	2.00	1.82	14.4	30.4	5.85	1.85	1.92	3.53	6.02	9.46	13.7	8.15	8.26	1977
1978	2.35	3.43	3.07	26.8	23.4	5.12	2.74	5.17	7.76	9.01	9.31	7.24	9.05	1978
1979	5.23	3.99	23.1	38.7	19.4	6.69	3.42	4.18	6.59	11.6	20.0	14.1	13.1	1979
1980	9.64	4.83	14.2	49.0	9.89	11.1	7.08	6.05	7.98	16.0	16.3	6.01	13.1	1980
1981	4.17	17.1	12.5	35.9	11.0	6.07	4.01	7.80	45.5	18.9	7.24	6.59	14.6	1981
1982	5.36	3.77	5.02	42.6	13.2	7.11	4.18	4.83	7.78	8.12	18.3	26.5	12.2	1982
1983	16.2	7.67	16.0	20.3	30.9	9.81	2.82	2.05	5.85	7.89	10.5	8.20	11.5	1983
1984	3.90	16.7	11.0	38.1	22.6	13.0	6.57	5.99	7.29	7.22	14.5	14.0	13.3	1984
1985	11.5	5.76	15.1	60.1	21.0	5.31	7.51	8.25	13.0	13.2	17.6	12.3	15.9	1985
1986	5.91	3.98	14.7	39.4	14.4	11.0	5.25	4.86	8.15	12.9	5.67	5.28	11.0	1986
1987	3.71	2.79	11.3	27.0	4.96	4.20	1.83	2.86	3.95	4.49	3.92	11.0	7.01	1987
1988	5.06	7.99	6.68	47.8	13.1	2.64	1.01	4.79	5.79	13.5	18.4	7.44	11.1	1988
1989	5.66	4.04	11.7	34.5	22.0	15.1	3.83	3.60	4.35	2.74	9.04	4.84	10.1	1989
1990	6.74	6.23	18.4	30.1	18.8	5.33	2.91	3.95	3.85	9.91	15.9	13.6	11.3	1990
MEAN	6.32	6.29	12.7	36.8	16.9	7.01	4.17	4.89	8.43	9.44	12.0	10.0	11.2	MEAN

LOCATION - LAT 45 23 33 N LONG 079 09 33 W DRAINAGE AREA, 593 km²
NATURAL FLOW

EAST RIVER NEAR HUNTSVILLE - STATION NO. 02EB013

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1973	---	---	---	---	1973
1974	96.3 AT 00:42 EST ON APR 16	86.4 ON APR 16	2.14 ON SEP 10	379 000	1974
1975	78.7 AT 10:30 EST ON APR 26	75.9 ON APR 26	1.08 ON JUL 10	271 000	1975
1976	103 AT 23:41 EST ON APR 01	98.8 ON APR 01	1.59 ON OCT 30	289 000	1976
1977	64.8 AT 22:00 EST ON MAR 31	59.7 ON APR 01	1.28 ON JUL 29	260 000	1977
1978	69.7 AT 09:04 EST ON APR 29	68.2 ON APR 29	1.59 ON JUL 29	285 000	1978
1979	103 AT 06:07 EST ON MAR 26	99.7 ON MAR 26	2.49 ON JUL 24	414 000	1979
1980	150 AT 11:04 EST ON APR 10	147 ON APR 10	2.44 B ON MAR 10	415 000	1980
1981	159 AT 00:02 EST ON SEP 03	143 ON SEP 03	2.77 ON AUG 03	461 000	1981
1982	143 AT 14:53 EST ON APR 18	137 ON APR 18	2.19 ON AUG 12	386 000	1982
1983	85.9 AT 02:39 EST ON MAY 09	78.8 ON MAY 09	1.52 ON AUG 03	364 000	1983
1984	64.7 AT 22:45 EST ON APR 16	61.1 ON APR 17	1.75 ON AUG 12	422 000	1984
1985	172 AT 02:04 EST ON APR 24 *	168 ON APR 23 *	2.83 ON AUG 17	501 000	1985
1986	118 AT 14:31 EST ON APR 02	115 ON APR 02	1.56 ON AUG 18	346 000	1986
1987	65.0 AT 19:00 EST ON MAR 31	63.3 ON MAR 31	0.982 ON AUG 13	221 000	1987
1988	112 AT 02:00 EST ON APR 08	108 ON APR 07	0.887 ON JUL 18 *	352 000	1988
1989	67.4 AT 22:56 EST ON MAR 30	63.1 ON MAR 30	1.12 ON AUG 17	319 000	1989
1990	60.5 AT 15:02 EST ON NOV 29	59.5 ON NOV 29	1.35 ON AUG 15	357 000	1990
	B - ICE CONDITIONS	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		355 000	MEAN

EAST TRIBUTARY TO PERCH LAKE INLET NO. 2 NEAR CHALK RIVER - STATION NO. 02KA010

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1982	---	---	---	---	---	---	0.002	0.002	0.002	0.002	0.003	0.003	---	1982
1983	0.002	0.002	0.004	0.007	0.007	0.003	0.002	0.002	0.002	0.002	0.003	0.002	0.003	1983
1984	0.002	0.002	0.002	0.007	0.004	0.002	0.003	0.002	0.002	0.002	0.002	0.002	0.003	1984
1985	0.002	0.002	0.003	0.007	0.004	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.003	1985
1986	0.001	0.001	0.002	0.005	0.004	0.002	0.001	0.001	0.001	0.002	0.001	0.001	0.002	1986
1987	0.001	0.001	0.003	0.005	0.002	0.002	0.001	0	0.001	0.001	0.001	0.001	0.002	1987
1988	0.001	0	0.001	---	---	---	---	---	---	---	---	---	---	1988
MEAN	0.002	0.001	0.003	0.006	0.004	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.003	MEAN

LOCATION - LAT 46 02 20 N LONG 077 22 31 W DRAINAGE AREA, 0.25 km²

REMARKS - DISCHARGES TO FOUR SIGNIFICANT FIGURES AVAIL. FROM REGIONAL OFFICE. STATION DISCONTINUED APR 12 1988

EAST TRIBUTARY TO PERCH LAKE INLET NO. 2 NEAR CHALK RIVER - STATION NO. 02KA010

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1982	---	---	0.001 ON AUG 18	---	1982
1983	0.034 AT 19:00 EST ON MAY 07 *	0.029 ON MAY 07 *	0.002 ON JAN 01	99.6	1983
1984	0.027 AT 21:51 EST ON APR 05	0.019 ON APR 06	0.002E ON JAN 01	90.1	1984
1985	0.016 AT 02:50 EST ON APR 23	0.016 ON APR 23	0.001 ON AUG 10	85.9	1985
1986	0.021 AT 13:19 EST ON APR 01	0.015 ON APR 01	0.001 ON JAN 01	58.1	1986
1987	0.017 AT 18:19 EST ON MAR 30	0.014 ON MAR 30	0 ON JUN 22 *	48.3	1987
1988	---	---	0 ON JAN 06	---	1988
	E - ESTIMATED	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		76.4	MEAN

EASTERN TRIBUTARY TO DASHWA LAKE NEAR ATIKOKAN - STATION NO. 05PB020

MONTHLY AND ANNUAL MEAN DISCHARGES FOR MAR TO OCT IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1986	---	---	---	---	---	0.003	0.005	0.001	0.003	0.004	0.007	---	---	1986
MEAN	---	---	---	---	---	0.003	0.005	0.001	0.003	0.004	0.007	---	---	MEAN

LOCATION - LAT 48 56 26 N
LONG 091 41 54 W NATURAL FLOW

DATA CONTRIBUTED BY - ATOMIC ENERGY OF CANADA

EASTERN TRIBUTARY TO DASHWA LAKE NEAR ATIKOKAN - STATION NO. 05PB020

EXTREMES OF DISCHARGE AND TOTAL DISCHARGE FOR MAR TO OCT FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1986	0.071 ON JUL 06 *	---	---	---	1986
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		---	MEAN

EELS CREEK BELOW APSLEY - STATION NO. 02HH001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1967	---	---	---	---	---	---	---	---	---	7.84	9.74	5.36	---	1967
1968	3.35	3.85	3.67	5.23	1.50	1.15	1.56	1.98	1.43	1.45	1.37	2.23	2.39	1968
1969	1.75	2.23	2.74	8.98	9.71	3.51	2.82	3.03	2.29	1.13	3.03	2.40	3.64	1969
1970	1.23	1.10	1.09	8.22	3.39	1.61	3.13	2.56	2.27	1.56	2.74	2.97	2.66	1970
1971	1.77	1.29	1.65	11.1	6.66	1.25	1.63	2.17	0.963	2.35	2.13	2.89	2.98	1971
1972	2.31	2.01	1.92	9.41	9.33	8.32	4.29	2.68	2.70	2.65	5.49	4.08	4.59	1972
1973	5.18	3.67	8.79	10.8	4.81	2.04	2.04	0.971	1.56	2.48	3.02	4.01	4.12	1973
1974	3.55	3.25	3.81	11.0	11.1	1.19	1.96	2.13	1.61	2.60	4.13	3.25	4.13	1974
1975	2.36	1.90	4.59	9.87	5.55	0.905	1.10	2.02	1.14	1.30	0.915	2.43	2.84	1975
1976	2.05	2.43	9.05	11.8	3.96	1.50	2.37	2.29	2.09	1.82	2.02	1.13	3.54	1976
1977	0.817	0.858	4.94	4.40	1.03	1.87	0.851	1.08	1.69	2.61	4.05	3.09	2.35	1977
1978	3.50	2.07	1.79	9.93	8.52	1.20	1.13	2.00	2.71	2.65	3.56	3.17	3.52	1978
1979	3.08	1.98	7.26	12.3	5.21	2.46	2.15	1.62	1.90	3.78	5.01	6.77	4.47	1979
1980	4.16	0.750	4.29	10.2	3.31	1.66	1.07	2.03	3.08	2.97	3.30	3.12	3.33	1980
1981	1.60	8.08	3.93	7.42	3.61	1.62	1.82	1.63	2.95	4.20	3.58	2.58	3.55	1981
1982	1.87	1.24	1.78	11.8	3.09	4.18	1.11	1.95	2.51	2.28	6.30	10.1	4.01	1982
1983	4.78	1.97	3.62	5.64	11.8	2.59	2.08	1.54	1.73	0.921	1.66	2.40	3.41	1983
1984	1.36	4.89	4.86	11.0	4.44	1.84	1.19	2.14	2.75	0.988	2.04	3.37	3.39	1984
1985	5.29	3.31	7.10	14.3	3.45	2.07	1.71	2.01	5.20	4.55	6.15	4.74	4.98	1985
1986	2.84	1.95	5.36	6.87	4.63	3.40	3.06	1.34	6.12	9.07	3.98	3.06	4.23	1986
1987	2.02	1.61	4.10	8.62	1.79	1.52	1.69	2.82	1.18	1.18	2.29	5.70	2.88	1987
1988	2.82	2.73	3.20	8.22	3.60	1.69	1.93	1.58	1.08	1.03	3.04	2.03	2.74	1988
1989	1.48	0.821	2.12	5.94	4.14	3.23	2.27	2.41	1.71	1.53	4.95	2.68	2.78	1989
1990	2.60	2.48	6.79	9.47	6.91	1.70	1.96	2.39	2.34	3.23	4.12	5.45	4.13	1990
MEAN	2.69	2.46	4.28	9.24	5.28	2.28	1.95	2.01	2.30	2.72	3.69	3.74	3.51	MEAN

LOCATION - LAT 44 38 30 N
LONG 078 08 07 W DRAINAGE AREA, 241 km^2
REGULATED

EELS CREEK BELOW APSLEY - STATION NO. 02HH001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1967	---	---	---	---	1967
1968	---	14.2B ON MAR 31	0.637 ON JUN 18	75 600	1968
1969	24.0 AT 14:00 EST ON MAY 20	21.5 ON MAY 20	0.714 ON OCT 13	115 000	1969
1970	17.7 AT 02:00 EST ON APR 19	17.0 ON APR 19	0.830 ON OCT 10	83 800	1970
1971	24.0 AT 15:45 EST ON APR 20	23.2 ON APR 20	0.688 ON SEP 11	94 100	1971
1972	26.1 AT 18:10 EST ON JUN 29	24.6 ON JUN 29	1.31 ON OCT 20	145 000	1972
1973	28.3 AT 14:10 EST ON APR 03	27.7 ON APR 03	0.360 ON AUG 17	130 000	1973
1974	26.8 AT 04:16 EST ON MAY 16	26.5 ON MAY 16	0.513 ON JUL 13	130 000	1974
1975	26.6 AT 07:57 EST ON APR 21	25.2 ON APR 21	0.368 ON JUL 12	89 700	1975
1976	50.4 AT 02:03 EST ON APR 02 *	45.6 ON APR 02 *	0.886 ON JUN 15	112 000	1976
1977	---	12.6B ON MAR 17	0.246 ON AUG 31 *	74 000	1977
1978	19.0 AT 23:19 EST ON APR 21	18.4 ON APR 22	0.320 ON JUL 07	111 000	1978
1979	25.2 AT 08:05 EST ON APR 04	24.6 ON APR 04	0.653 ON SEP 12	141 000	1979
1980	---	18.5B ON MAR 23	0.480B ON MAR 15	105 000	1980
1981	41.1 AT 01:00 EST ON FEB 25	36.3B ON FEB 25	0.659 ON JUL 15	112 000	1981
1982	28.2 AT 02:07 EST ON APR 19	26.6 ON APR 19	0.522 ON JUL 27	127 000	1982
1983	22.1 AT 12:45 EST ON MAY 12	21.7 ON MAY 12	0.273 ON AUG 17	108 000	1983
1984	27.7 AT 09:27 EST ON APR 07	26.8 ON APR 07	0.609 ON OCT 31	107 000	1984
1985	24.4 AT 08:02 EST ON APR 19	23.9 ON APR 19	1.01 ON AUG 29	157 000	1985
1986	24.7 AT 11:19 EST ON APR 01	24.3 ON APR 01	0.958 ON SEP 03	133 000	1986
1987	26.1 AT 06:48 EST ON APR 07	25.3 ON APR 07	0.517 ON SEP 19	90 900	1987
1988	23.3 AT 17:27 EST ON APR 05	22.8 ON APR 05	0.372 ON SEP 29	86 600	1988
1989	---	12.0B ON MAR 31	0.560B ON MAR 13	87 500	1989
1990	17.4B AT 15:18 EST ON MAR 18	15.7B ON MAR 18	0.826 ON JUL 13	130 000	1990
	B - ICE CONDITIONS	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		111 000	MEAN

EKMAN RIVER BELOW NORTH WASHAGAMI RIVER - STATION NO. 04EA001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1967	---	---	---	---	---	---	---	---	---	---	---	27.9	---	1967
1968	15.3	8.66	5.53	11.0	238	124	71.4	118	55.5	239	211	52.8	96.3	1968
1969	18.4	12.8	9.31	10.0	417	219	156	55.8	185	216	64.4	34.5	117	1969
1970	20.8	14.1	9.73	7.08	374	210	74.8	71.7	260	306	140	48.0	129	1970
1971	21.7	12.8	8.87	11.7	475	106	108	234	84.3	283	177	69.4	134	1971
1972	31.5	14.0	5.69	5.02	264	131	97.2	56.3	157	240	77.8	34.7	93.4	1972
1973	18.5	11.1	8.76	11.4	497	201	276	27.3	54.1	95.4	37.8	15.3	105	1973
1974	11.2	9.37	7.88	6.28	204	419	88.1	38.9	151	76.4	24.0	13.7	87.5	1974
1975	10.0	8.36	7.40	11.7	275	168	125	355	118	116	91.2	36.7	111	1975
1976	15.1	7.80	5.19	30.1	492	173	42.8	15.1	9.32	8.94	7.25	5.56	68.2	1976
1977	4.34	3.53	2.90	112	142	48.3	10.5	36.5	104	55.7	26.3	13.2	46.7	1977
1978	9.07	6.91	5.46	4.59	293	197	129	191	179	112	101	35.0	106	1978
1980	14.6	9.34	5.93	126	489	132	70.9	53.7	89.6	181	63.9	25.3	106	1980
1981	13.5	8.59	7.87	7.39	474	142	39.6	46.0	38.9	58.6	37.2	14.8	74.7	1981
1982	9.10	6.87	5.76	7.07	388	209	93.9	123	154	143	63.4	21.6	103	1982
1983	11.4	8.05	6.56	6.52	259	90.5	91.2	36.6	41.0	90.2	61.0	27.0	61.5	1983
1984	14.1	9.06	6.23	178	181	109	78.1	40.5	29.1	36.2	22.6	16.7	60.0	1984
1985	11.9	9.34	8.31	19.6	721	409	125	93.5	129	208	145	38.6	161	1985
1986	16.4	8.44	5.97	30.6	392	90.4	27.1	17.8	75.7	62.6	43.0	19.2	66.3	1986
1987	10.9	7.84	6.94	103	134	61.1	62.9	64.9	202	90.8	50.5	25.3	68.4	1987
1988	10.4	5.97	4.67	10.3	295	104	32.2	11.7	105	157	76.8	33.0	70.9	1988
1989	11.0	6.59	4.96	4.57	243	119	37.4	13.5	44.8	150	77.0	18.9	61.4	1989
1990	5.82	3.61	3.26	5.56	228	112	28.4	9.75	9.60	25.0	23.4	14.6	39.4	1990
MEAN	13.9	8.78	6.50	32.7	339	162	84.9	77.8	103	134	73.7	27.9	89.4	MEAN

LOCATION - LAT 53 48 30 N LONG 084 55 20 W DRAINAGE AREA, 10 400 km² NATURAL FLOW

EKMAN RIVER BELOW NORTH WASHAGAMI RIVER - STATION NO. 04EA001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1967	---	---	---	---	1967
1968	---	521 ON OCT 27	5.18B ON MAR 21	3 040 000	1968
1969	---	750E ON MAY 13	6.82B ON APR 15	3 700 000	1969
1970	827 AT 18:30 EST ON MAY 20	821 ON MAY 20	6.40B ON APR 23	4 060 000	1970
1971	980 AT 02:00 EST ON MAY 11	977 ON MAY 11	7.93B ON APR 10	4 230 000	1971
1972	396 AT 18:00 EST ON MAY 16	394 ON MAY 16	4.39B ON MAR 31	2 950 000	1972
1973	1 140 AT 00:00 EST ON MAY 21	1 140 ON MAY 21	6.64B ON MAR 11	3 300 000	1973
1974	580 AT 21:00 EST ON JUN 20	575 ON JUN 20	5.80B ON APR 22	2 760 000	1974
1975	603 AT 15:52 EST ON AUG 15	600 ON AUG 15	6.57B ON APR 21	3 510 000	1975
1976	1 180B AT 00:01 EST ON MAY 15	878B ON MAY 14	4.59B ON APR 04	2 160 000	1976
1977	---	326E ON APR 25	2.63B ON APR 01 *	1 470 000	1977
1978	603 AT 14:30 EST ON MAY 18	597 ON MAY 18	4.45B ON APR 17	3 340 000	1978
1980	---	980E ON MAY 04	4.80B ON APR 08	3 340 000	1980
1981	---	1 000E ON MAY 15	7.00B ON APR 11	4 350 000	1981
1982	---	740E ON MAY 11	5.65B ON MAR 17	3 240 000	1982
1983	---	520B ON MAY 14	6.18B ON APR 12	1 940 000	1983
1984	---	550B ON APR 24	5.54B ON APR 07	1 900 000	1984
1985	1 330 AT 13:45 EST ON MAY 05 *	1 320 ON MAY 05 *	7.80B ON APR 10	5 070 000	1985
1986	---	623A ON MAY 18	5.63B ON MAR 26	2 090 000	1986
1987	---	310B ON APR 23	6.58B ON MAR 14	2 160 000	1987
1988	---	502B ON MAY 06	4.60B ON MAR 10	2 240 000	1988
1989	444 AT 16:00 EST ON MAY 24	441 ON MAY 24	4.40B ON APR 21	1 940 000	1989
1990	330 AT 05:00 EST ON MAY 20	328 ON MAY 20	3.00B ON MAR 09	1 240 000	1990
				2 820 000	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX) B - ICE CONDITIONS E - ESTIMATED * - EXTREME RECORDED FOR THE PERIOD OF RECORD

ENGLEHART RIVER NEAR CHARLTON - STATION NO. 02JC003

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1921	---	---	---	---	---	---	---	---	6.07	9.13	7.21	7.95	---	1921
1922	6.62	4.86	5.64	87.2	50.4	7.37	6.22	4.06	4.26	5.99	6.86	5.08	16.2	1922
1923	3.75	3.42	3.51	27.8	33.5	9.25	8.02	4.69	12.0	7.52	3.35	1.53	9.88	1923
1924	1.88	2.05	2.40	27.7	29.6	4.51	2.96	2.87	3.24	2.66	5.31	4.99	7.51	1924
1925	2.75	2.49	4.46	38.6	15.9	12.7	7.02	5.16	3.48	---	---	---	---	1925
MEAN	3.75	3.21	4.00	45.3	32.3	8.46	6.06	4.20	5.81	6.33	5.68	4.89	11.2	MEAN

LOCATION - LAT 47 48 35 N LONG 079 59 55 W DRAINAGE AREA, 958 km² REGULATED

ENGLEHART RIVER NEAR CHARLTON - STATION NO. 02JC003

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1921	---	---	---	---	1921
1922	---	179 E ON APR 17 *	2.58 ON JUL 02	511 000	1922
1923	---	142 ON APR 29	0.113 ON DEC 23 *	312 000	1923
1924	---	104 ON APR 30	0.170B ON JAN 01	238 000	1924
1925	---	61.4 ON APR 12	---	---	1925
				354 000	MEAN

B - ICE CONDITIONS E - ESTIMATED * - EXTREME RECORDED FOR THE PERIOD OF RECORD

ENGLEHART RIVER NEAR ENGLEHART - STATION NO. 02JC001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1914	---	---	---	---	---	---	---	---	---	---	6.06	3.79	---	1914
1915	4.05	3.91	7.31	18.6	28.4	15.4	10.7	9.72	10.7	12.3	11.2	19.3	13.4	1915
1916	6.06	5.31	7.86	71.3	38.0	6.87	7.37	7.01	6.13	8.05	---	7.82	---	1916
1917	---	---	---	---	95.8	---	---	---	9.92	---	---	---	---	1917
1918	---	---	---	---	---	---	---	---	---	---	---	---	---	1918
1919	---	---	---	---	---	---	---	---	---	---	---	---	---	1919
1920	---	---	---	---	---	---	---	---	---	8.74	4.16	2.72	---	1920
1921	---	---	---	62.8	22.0	8.49	3.63	3.32	6.74	---	---	---	---	1921
MEAN	5.06	4.61	7.59	50.9	46.0	10.9	9.90	6.68	8.37	9.70	7.14	8.41	13.4	MEAN

LOCATION - LAT 47 47 40 N LONG 079 53 20 W DRAINAGE AREA, 1 110 km² REGULATED DATA CONTRIBUTED BY - ONTARIO HYDRO

ENGLEHART RIVER NEAR ENGLEHART - STATION NO. 02JC001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1914	---	---	---	---	1914
1915	---	45.0 ON MAY 09	3.40 ON JAN 10 *	422 000	1915
1916	---	208 ON APR 26 *	4.98 ON JAN 14	---	1916
1917	---	155 ON MAY 02	---	---	1917
1918	---	98.5 ON MAY 10	---	---	1918
1919	---	110 ON APR 24	---	---	1919
1920	---	---	---	---	1920
1921	---	95.7 ON APR 08	---	---	1921
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		422 000	MEAN

ENGLISH RIVER AT CARIBOU FALLS - STATION NO. 05QE005

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1927	---	---	---	---	---	976	1 060	991	771	572	453	362	---	1927
1928	294	266	253	239	249	319	583	665	540	469	---	---	---	1928
1929	---	---	---	---	---	249	233	197	190	187	---	---	---	1929
1930	---	---	---	---	---	233	198	158	134	---	---	---	---	1930
1932	---	---	---	---	---	391	318	195	127	121	---	---	---	1932
1933	---	---	---	---	413	403	381	246	153	140	---	---	---	1933
1934	---	---	---	---	---	734	901	764	591	414	---	---	---	1934
1935	---	---	---	---	---	427	404	421	532	---	---	---	---	1935
1936	---	---	---	---	---	487	297	179	169	205	---	---	---	1936
1937	---	---	---	---	---	577	551	520	388	283	---	---	---	1937
1938	---	---	---	---	---	---	503	359	268	---	---	---	---	1938
1939	---	---	---	---	---	207	268	255	209	196	---	---	---	1939
1940	---	---	---	---	---	188	183	150	124	---	---	---	---	1940
1941	---	---	---	---	---	275	227	207	240	---	---	---	---	1941
1942	---	---	---	---	---	247	212	207	288	351	---	---	---	1942
1943	---	---	---	---	---	661	953	674	418	593	---	---	---	1943
1944	---	---	---	---	---	394	526	351	318	336	---	---	---	1944
1945	---	---	---	---	---	395	418	385	278	---	---	---	---	1945
1946	---	---	---	---	---	574	563	396	316	---	---	---	---	1946
1947	---	---	---	---	---	581	713	526	318	---	---	---	---	1947
1948	---	---	---	---	---	376	295	270	201	---	---	---	---	1948
1949	---	---	---	---	---	350	281	241	237	---	---	---	---	1949
1950	---	---	---	---	---	---	1 010	900	550	---	---	---	---	1950
1951	---	---	---	---	---	502	410	361	295	293	---	---	---	1951
1952	---	---	---	---	---	316	410	575	400	---	---	---	---	1952
1953	---	---	---	---	---	562	535	452	342	292	---	---	---	1953
1954	---	---	---	---	---	1 090	1 170	617	432	419	---	---	---	1954
1955	---	---	---	---	---	560	570	443	341	335	---	---	---	1955
1958	---	---	---	---	---	---	---	262	218	325	382	413	---	1958
1959	445	550	462	381	482	793	905	729	514	600	609	563	587	1959
1960	543	504	468	526	538	421	363	314	330	326	357	471	430	1960
1961	472	412	368	332	408	300	236	195	177	211	250	273	302	1961
1962	261	233	189	233	398	330	321	413	629	507	404	458	366	1962
1963	504	512	500	524	501	576	496	443	434	396	460	479	485	1963
1964	478	466	417	416	566	398	454	346	683	936	789	598	546	1964
1965	503	462	505	610	688	564	479	420	433	518	534	484	517	1965
1966	574	505	517	558	762	706	525	432	464	435	478	475	536	1966
1967	440	443	371	403	404	324	252	366	292	308	392	453	370	1967
1968	426	440	421	379	363	481	636	430	531	707	758	602	515	1968
1969	557	549	531	578	524	493	548	609	665	732	621	551	580	1969
1970	538	528	542	534	762	678	498	386	462	599	826	758	593	1970
1971	611	574	565	693	779	645	499	388	324	428	653	636	568	1971
1972	596	605	645	618	646	444	358	378	329	355	459	459	491	1972
1973	489	487	469	315	289	226	197	295	489	595	592	584	419	1973
1974	570	549	553	659	1 070	1 100	920	676	661	548	518	537	697	1974
1975	509	534	544	575	662	470	399	273	342	347	411	442	458	1975
1976	481	427	455	481	356	284	200	183	160	205	270	233	311	1976
1977	240	289	364	149	55.4	15.8	121	129	285	432	392	371	237	1977
1978	437	426	440	507	513	496	472	508	508	487	455	494	479	1978
1979	492	469	412	462	574	472	277	229	326	437	473	515	428	1979
1980	545	550	548	575	503	233	154	162	207	280	336	396	374	1980
1981	379	403	322	177	143	65.3	166	134	223	320	293	238	238	1981
1982	242	288	328	266	402	355	423	418	416	490	482	505	386	1982
1983	443	397	408	347	241	298	320	279	188	280	371	439	330	1983
1984	383	352	279	243	205	351	343	250	247	308	455	541	330	1984
1985	535R	505R	441R	316R	563 R	665 R	828R	627R	553R	615R	659R	608R	577 R	1985
1986	568	523	484	347	624	451	297	299	315	366	401	468	443	1986
1987	468	473	454	340	273	228	206	118R	133	162	174	261	273 R	1987
1988	258	249	197	197	145	136	112	108	146	348	480	507	240	1988
1989	501	476	415	376	514	450	499	400	376	332	296	390	419	1989
1990	427	433	393	290	231	361	456	496	377	343	380	366	379	1990
MEAN	462R	451R	432R	419R	466 R	446 R	452R	382R	355R	398R	467R	469R	435 R	MEAN

LOCATION - LAT 50 16 00 N
LONG 094 58 15 W

DRAINAGE AREA, 52 300 km²
REGULATED SINCE 1929

DATA CONTRIBUTED BY - ONTARIO HYDRO

R - REVISED SINCE JAN 01 1989

ENGLISH RIVER AT CARIBOU FALLS - STATION NO. 05QE005

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1927	---	---	---	---	1927
1928	---	---	---	---	1928
1929	---	---	---	---	1929
1930	---	---	---	---	1930
1932	---	---	---	---	1932
1933	---	---	---	---	1933
1934	---	---	---	---	1934
1935	---	---	---	---	1935
1936	---	---	---	---	1936
1937	---	---	---	---	1937
1938	---	---	---	---	1938
1939	---	---	---	---	1939
1940	---	---	---	---	1940
1941	---	---	---	---	1941
1942	---	---	---	---	1942
1943	---	---	---	---	1943
1944	---	---	---	---	1944
1945	---	---	---	---	1945
1946	---	---	---	---	1946
1947	---	---	---	---	1947
1948	---	---	---	---	1948
1949	---	---	---	---	1949
1950	---	---	---	---	1950
1951	---	---	---	---	1951
1952	---	---	---	---	1952
1953	---	---	---	---	1953
1954	---	---	---	---	1954
1955	---	---	---	---	1955
1958	---	---	---	---	1958
1959	---	1 020 ON JUL 15	309 ON MAY 01	18 500 000	1959
1960	---	691 ON MAY 02	180 ON AUG 21	13 600 000	1960
1961	---	518 ON JAN 11	36.5 ON SEP 16	9 510 000	1961
1962	---	675 ON SEP 08	131 ON JUN 24	11 500 000	1962
1963	---	685 ON JUN 27	297 ON JUL 23	15 300 000	1963
1964	---	1 100 ON OCT 24	282 ON AUG 16	17 300 000	1964
1965	---	835 ON MAY 06	207 ON AUG 15	16 300 000	1965
1966	---	929 ON JUN 02	314 ON AUG 21	16 900 000	1966
1967	---	515 ON DEC 23	157 ON JUL 24	11 700 000	1967
1968	---	841 ON NOV 14	257 ON JUN 09	16 300 000	1968
1969	---	801 ON OCT 17	306 ON JUN 08	18 300 000	1969
1970	---	915 ON NOV 13	317 ON AUG 28	18 700 000	1970
1971	---	915 ON APR 27	219 ON SEP 19	17 900 000	1971
1972	---	731 ON MAY 01	157 ON JUL 30	15 500 000	1972
1973	---	654 ON OCT 10	156 ON JUN 12	13 200 000	1973
1974	---	1 250 ON JUN 15 *	481 ON NOV 09	22 000 000	1974
1975	---	787 ON MAY 05	147 ON AUG 24	14 500 000	1975
1976	---	521 ON APR 14	115 ON OCT 06	9 830 000	1976
1977	---	496 ON OCT 06	0 ON APR 25 *	7 470 000	1977
1978	---	642 ON MAY 24	314 ON JUL 11	15 100 000	1978
1979	---	696 ON MAY 14	98.8 ON JUL 31	13 500 000	1979
1980	---	686 ON APR 30	0 ON AUG 30	11 800 000	1980
1981	---	518 ON FEB 12	0 ON JUN 06	7 500 000	1981
1982	---	576 ON OCT 27	146 ON JAN 24	12 200 000	1982
1983	---	545 ON DEC 28	136 ON FEB 27	10 400 000	1983
1984	---	578 ON DEC 20	126 ON APR 29	10 400 000	1984
1985	---	904R ON JUL 19	185 R ON APR 14	18 200 000	1985
1986	---	672 ON MAY 20	191 ON JUL 05	14 000 000	1986
1987	---	547 ON JAN 21	12.7 ON AUG 27	8 610 000	1987
1988	---	557 ON DEC 12	51.4 ON JUN 22	7 600 000	1988
1989	---	592 ON MAY 11	120 ON SEP 21	13 200 000	1989
1990	---	581 ON AUG 17	88.9 ON APR 29	12 000 000	1990
				13 700 000	MEAN

* - EXTREME RECORDED FOR THE PERIOD OF RECORD
R - REVISED SINCE JAN 01 1989

ENGLISH RIVER AT EAR FALLS - STATION NO. 05QE006

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1907	146	121	108	90.6	108	254	280	289	337	323	323	289	223	1907
1908	222	217	180	174	203	253	257	241	230	219	208	197	223	1908
1909	169	156	134	116	156	209	208	208	173	149	150	157	166	1909
1910	156	155	154	311	371	323	218	168	133	113	102	90.6	191	1910
1911	82.1	76.5	75.0	76.5	102	153	220	267	264	264	263	214	172	1911
1912	185	167	127	110	249	231	314	326	343	379	345	286	264	1912
1913	239	221	169	164	233	231	200	191	165	141	114	102	178	1913
1914	87.2	80.7	79.3	86.4	113	250	244	238	187	182	166	150	156	1914
1915	136	124	107	106	163	206	229	208	174	188	212	223	173	1915
1916	207	185	156	151	252	467	521	447	326	255	208	187	281	1916
1917	164	139	121	112	118	117	125	172	196	185	172	157	148	1917
1918	140	125	114	110	164	208	230	228	207	175	186	215	176	1918
1919	205	181	157	144	157	188	205	196	201	210	186	162	183	1919
1920	140	124	112	110	169	251	261	227	180	162	134	119	166	1920
1921	108	100	96.0	98.5	181	292	270	246	236	253	236	209	194	1921
1922	172	150	127	119	157	199	206	185	162	127	119	113	153	1922
1923	108	104	96.8	93.2	130	200	214	238	251	231	198	168	172	1923
1924	146	118	104	110	153	176	163	146	127	119	106	102	131	1924
1925	97.4	92.3	88.6	103	189	327	405	364	280	250	225	197	219	1925
1926	162	127	108	111	160	246	294	280	254	300	331	306	221	1926
1927	251	205	175	164	331	421	497	348	398	292	243	204	327	1927
1928	171	142	120	110	132	171	256	292	297	266	265	246	208	1928
1929	167	155	143	93.7	77.0	76.5	98.0	143	151	123	99.3	93.8	118	1929
1930	57.8	64.9	63.5	39.0	20.2	54.0	39.8	74.3	67.2	150	154	152	78.2	1930
1931	152	149	50.2	32.3	32.3	33.2	32.1	130	140	180	178	181	107	1931
1932	179	189	214	191	240	209	77.6	60.9	80.7	123	171	167	158	1932
1933	168	169	161	96.0	39.5	224	123	46.9	78.4	87.8	169	138	125	1933
1934	126	125	116	131	122	306	442	407	266	208	199	193	221	1934
1935	198	189	123	71.8	125	113	173	260	336	303	309	311	210	1935
1936	242	188	170	192	138	46.6	33.3	61.5	160	92.9	162	175	136	1936
1937	121	84.0	113	114	93.9	232	280	220	124	160	222	227	166	1937
1938	254	225	228	228	230	177	109	59.4	177	187	226	227	191	1938
1939	227	110	83.5	62.9	65.5	66.2	65.8	66.6	84.0	139	151	155	105	1939
1940	178	135	81.1	66.4	66.0	65.6	65.6	70.0	127	171	171	142	111	1940
1941	112	101	101	103	100	94.2	91.8	98.1	101	520	652	446	211	1941
1942	367	277	91.9	86.1	82.7	80.4	77.4	68.8	125	180	180	175	148	1942
1943	179	184	183	123	158	520	444	132	148	232	236	252	259	1943
1944	255	257	214	118	83.5	358	133	97.7	216	168	234	235	197	1944
1945	226	225	215	115	111	156	234	77.8	116	204	255	257	183	1945
1946	255	230	198	144	218	254	174	168	123	198	252	280	208	1946
1947	294	289	326	154	117	277	250	87.2	126	196	253	254	218	1947
1948	249	180	136	131	117	113	105	177	168	201	256	252	174	1948
1949	254	218	183	168	141	125	119	126	128	186	212	212	172	1949
1950	212	213	201	170	337	480	553	292	158	159	193	267	270	1950
1951	284	262	258	208	187	223	210	168	171	181	216	228	217	1951
1952	226	226	209	181	169	167	289	254	175	213	258	253	219	1952
1953	211	206	198	184	157	141	122	116	117	176	225	257	177	1953
1954	227	238	288	260	314	790	316	197	197	198	228	228	290	1954
1955	212	198	198	194	155	167	165	170	176	185	195	203	185	1955
1956	204	207	201	166	155	230	168	156	181	197	206	199	189	1956
1957	188	200	202	173	84.2	89.9	149	182	202	207	242	258	182	1957
1958	257	257	290	421	316	243	138	134	175	219	234	221	230	1958
1959	382	422	279	165	113	423	364	348	285	393	397	396	330	1959
1960	395	339	321	225	172	171	198	227	232	259	313	367	268	1960
1961	345	283	228	166	89.4	135	141	141	151	181	198	198	188	1961
1962	166	175	114	113	49.8	21.9	68.4	186	340	305	272	354	180	1962
1963	386	425	369	335	122	85.8	127	219	273	350	397	397	281	1963
1964	384	390	297	204	102	186	236	226	584	540	506	368	331	1964
1965	345	343	394	321	152	127	197	284	336	362	338	389	299	1965
1966	400	369	363	300	178	179	218	322	349	366	376	334	313	1966
1967	340	268	216	142	53.5	92.5	93.5	131	206	317	341	361	212	1967
1968	360	327	251	170	101	252	278	256	423	478	504	398	311	1968
1969	396	396	374	263	199	200	250	354	401	400	393	396	335	1969
1970	394	396	383	305	138	192	212	215	343	399	495	451	326	1970
1971	418	396	399	329	295	288	242	219	226	317	405	424	330	1971
1972	446	483	445	398	211	214	216	218	215	254	338	366	316	1972
1973	388	365	279	89.4	56.4	59.3	57.3	135	288	324	400	401	234	1973
1974	406	413	431	404	212	465	548	365	332	314	395	395	390	1974
1975	418	419	420	341	153	112	113	159	221	224	312	347	269	1975
1976	382	348	320	206	162	113	113	113	113	170	229	209	195	1976
1977	201	193	178	1.82	0	0	0	1.04	150	213	221	260	114	1977
1978	307	328	275	231	113	146	315	393	397	392	385	389	309	1978
1979	371	311	200	191	120	113	113	112	228	352	366	387	238	1979
1980	389	409	420	342	117	85.2	85.1	94.5	143	198	225	278	232	1980
1981	287	249	133	78.7	37.3	3.19	3.46	86.7	156	199	156	86.7	122	1981
1982	198	199	165	83.7	37.0	53.3	126	216	205	312	349	351	198	1982
1983	303	268	231	135	101	100	100	100	193	286	332	320	205	1983
1984	261	215	151	69.3	58.7	109	150	156	213	277	374	403	203	1984
1985	400	367	263	84.3	211	416	525	248	301 R	410	448	456	344 R	1985
1986	187	139	123	---	---	153 R	175	193	221	225 R	425 R	449	---	1986
1987	372	371	260	139	85.2	63.7	98.1	69.7	158	179	197	203	182	1987
1988	200	153	120	56.0	42.5	53.9	32.1	25.0	188	367	402	404	170	1988
1989	384	313	282	195	145	159	249	277	260	225	250	351	257	1989

CONTINUED

ENGLISH RIVER AT EAR FALLS - STATION NO. 05QE006 (CONTINUED)

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1990	350	333	230	99.2	50.1	97.0	236	356	268	299	278	313	242	1990
MEAN	247	229	199	160	144	196 R	203	195	220 R	243 R	264 R	261	214 R	MEAN

LOCATION - LAT 50 38 00 N
LONG 093 12 30 W

DRAINAGE AREA, 26 400 km²
REGULATED SINCE 1929

DATA CONTRIBUTED BY - ONTARIO HYDRO

R - REVISED SINCE JAN 01 1989

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1907	---	337E ON SEP 01	90.6 E ON APR 01	7 030 000	1907
1908	---	269E ON JAN 01	174 E ON APR 01	7 050 000	1908
1909	---	209E ON JUN 01	116 E ON APR 01	5 220 000	1909
1910	---	371E ON MAY 01	90.6 E ON DEC 01	6 030 000	1910
1911	---	267E ON AUG 01	75.0 E ON MAR 01	5 420 000	1911
1912	---	379E ON OCT 01	118 E ON APR 01	8 360 000	1912
1913	---	239E ON JAN 01	102 E ON DEC 01	5 620 000	1913
1914	---	250E ON JUN 01	79.3 E ON MAR 01	4 910 000	1914
1915	---	229E ON JUL 01	106 E ON APR 01	5 470 000	1915
1916	---	521E ON JUL 01	151 E ON APR 01	8 870 000	1916
1917	---	196E ON SEP 01	112 E ON APR 01	4 670 000	1917
1918	---	230E ON JUL 01	114 E ON MAR 01	5 560 000	1918
1919	---	210E ON OCT 01	144 E ON APR 01	5 760 000	1919
1920	---	261E ON JUL 01	110 E ON APR 01	5 250 000	1920
1921	---	292E ON JUN 01	96.0 E ON MAR 01	6 130 000	1921
1922	---	206E ON JUL 01	113 E ON DEC 01	4 830 000	1922
1923	---	263 ON SEP 25	93.2 E ON APR 01	5 410 000	1923
1924	---	176E ON JUN 01	102 E ON DEC 01	4 140 000	1924
1925	---	416 ON JUL 18	88.6 E ON MAR 01	6 910 000	1925
1926	---	331E ON NOV 01	108 E ON MAR 01	6 980 000	1926
1927	---	609 ON JUL 13	164 E ON APR 01	10 300 000	1927
1928	---	297E ON SEP 01	110 E ON APR 01	6 570 000	1928
1929	---	167E ON JAN 01	67.1 ON JUN 10	3 730 000	1929
1930	---	226 ON JUL 04	8.50 ON MAY 23	2 460 000	1930
1931	---	188 ON NOV 23	30.0 ON MAY 20	3 380 000	1931
1932	---	261 ON MAY 31	25.5 ON JUL 24	5 010 000	1932
1933	---	253 ON JUL 01	26.1 ON AUG 06	3 950 000	1933
1934	---	462 ON JUL 22	34.0 ON MAY 10	6 960 000	1934
1935	---	345 ON SEP 12	29.2 ON APR 21	6 610 000	1935
1936	---	300 ON JAN 01	9.91 ON OCT 25	4 110 000	1936
1937	---	317 ON JUL 08	34.3 ON JAN 24	5 240 000	1937
1938	---	243 ON NOV 29	52.7 ON AUG 07	6 030 000	1938
1939	---	237 ON JAN 06	51.8 ON APR 16	3 300 000	1939
1940	---	193 ON JAN 09	55.2 ON APR 07	3 520 000	1940
1941	---	694 ON OCT 29	76.5 ON JUL 01	6 640 000	1941
1942	---	447 ON JAN 02	61.2 ON AUG 16	4 660 000	1942
1943	---	651 ON JUN 25	60.3 ON AUG 29	8 150 000	1943
1944	---	569 ON JUN 18	46.2 ON AUG 27	6 220 000	1944
1945	---	306 ON JUL 09	50.1 ON AUG 16	5 760 000	1945
1946	---	445 ON MAY 31	56.1 ON JUL 28	6 550 000	1946
1947	---	405 ON FEB 26	56.4 ON MAY 11	6 880 000	1947
1948	---	416 ON SEP 02	77.6 ON JUL 11	5 490 000	1948
1949	---	281 ON JAN 12	92.3 ON JUL 01	5 440 000	1949
1950	---	731 ON MAY 30	118 ON SEP 24	8 520 000	1950
1951	---	300 ON JAN 10	127 ON JUL 02	6 340 000	1951
1952	---	442 ON AUG 02	107 ON JUL 06	6 910 000	1952
1953	---	274 ON DEC 01	60.9 ON SEP 06	5 180 000	1953
1954	---	991 ON JUN 04 *	138 ON OCT 10	9 130 000	1954
1955	---	232 ON JAN 08	78.7 ON MAY 22	5 820 000	1955
1956	---	317 ON JUN 19	85.2 ON AUG 12	5 970 000	1956
1957	---	273 ON NOV 19	47.9 ON JUN 30	5 750 000	1957
1958	---	436 ON APR 22	65.8 ON JUL 27	7 890 000	1958
1959	---	920 ON JUN 17	38.8 ON MAY 31	10 400 000	1959
1960	---	411 ON JAN 20	106 ON JUL 01	8 480 000	1960
1961	---	371 ON JAN 01	51.8 ON MAY 21	5 910 000	1961
1962	---	385 ON DEC 14	12.0 ON JUN 06	5 690 000	1962
1963	---	436 ON JAN 30	45.0 ON MAY 27	8 870 000	1963
1964	---	725 ON SEP 16	50.4 ON MAY 20	10 500 000	1964
1965	---	462 ON DEC 16	20.8 ON JUN 12	9 420 000	1965
1966	---	439 ON JAN 01	48.7 ON MAY 25	9 860 000	1966
1967	---	374 ON NOV 29	24.1 ON JUL 22	8 700 000	1967
1968	---	589 ON NOV 13	36.0 ON MAY 20	9 840 000	1968
1969	---	436 ON NOV 05	135 ON JUL 13	10 600 000	1969
1970	---	518 ON NOV 12	63.4 ON JUN 01	10 300 000	1970
1971	---	479 ON DEC 22	157 ON APR 28	10 400 000	1971
1972	---	521 ON FEB 23	186 ON SEP 04	10 000 000	1972
1973	---	436 ON NOV 01	46.7 ON JUL 14	7 390 000	1973
1974	---	595 ON JUN 22	127 ON MAY 20	12 300 000	1974
1975	---	436 ON JAN 03	65.4 ON JUN 01	8 480 000	1975
1976	---	405 ON JAN 17	81.8 ON JUN 13	6 180 000	1976
1977	---	292 ON DEC 15	0 ON APR 02 *	3 590 000	1977
1978	---	408 ON AUG 05	83.5 ON MAY 26	9 760 000	1978
1979	---	397 ON NOV 25	100 ON MAY 20	7 510 000	1979
1980	---	434 ON MAR 08	68.8 ON JUN 04	7 320 000	1980
1981	---	293 ON JAN 17	1.00 ON JUN 04	3 850 000	1981
1982	---	395 ON NOV 20	36.0 ON MAY 18	6 230 000	1982
1983	---	369 ON NOV 17	84.2 ON JUL 01	6 450 000	1983
1984	---	418 ON NOV 19	37.4 ON APR 14	6 420 000	1984
1985	---	631 ON JUN 28	38.1 ON APR 26	10 900 000	1985
1986	---	---	---	---	1986
1987	---	387 ON JAN 08	39.0 ON JUN 21	5 740 000	1987
1988	---	411 ON OCT 22	0 ON APR 18	5 380 000	1988
1989	---	400 ON JAN 02	64.6 ON JUN 06	8 120 000	1989
1990	---	394 ON JUL 27	44.3 ON MAY 03	7 640 000	1990
				6 740 000	MEAN

E - ESTIMATED

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

ENGLISH RIVER AT MANITOU FALLS - STATION NO. 05QE007

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1956	---	---	---	---	---	---	294	229	226	254	271	208	---	1956
1957	240	259	281	238	179	264	273	255	245	255	272	221	254	1957
1958	320	298	302	323	405	291	237	170	235	314	306	325	316	1958
1959	458	484	354	241	270	649	597	512	400	525	496	489	456	1959
1960	470	404	397	330	272	313	259	273	297	270	358	428	339	1960
1961	392	338	290	217	182	255	180	165	174	206	235	234	236	1961
1962	232	164	141	159	170	131	180	337	450	387	349	430	262	1962
1963	434	480	405	333	273	270	250	317	324	386	438	418	360	1963
1964	422	379	320	278	259	269	309	280	686	681	621	455	413	1964
1965	399	401	456	405	300	292	300	355	388	435	388	443	380	1965
1966	461	429	419	376	368	354	341	366	408	408	432	403	397	1966
1967	389	325	260	216	197	199	200	256	233	329	370	410	282	1967
1968	396	376	289	248	223	445	417	335	511	596	597	476	408	1968
1969	483	480	475	401	318	331	390	459	508	572	467	467	446	1969
1970	454	470	462	413	283	280	330	278	411	518	695	599	432	1970
1971	529	484	480	484	439	433	360	280	276	389	467	446	421	1971
1972	484	527	519	467	392	322	277	292	266	321	397	404	389	1972
1973	423	416	336	183	135	141	423	223	408	450	486	520	319	1973
1974	531	540	522	535	582	812	746	527	534	449	503	478	563	1974
1975	490	503	501	476	336	268	214	264	296	289	370	374	364	1975
1976	438	400	315	322	244	185	167	143	158	322	299	204	257	1976
1977	268	257	184	26.5	25.7	47.1	39.0	68.3	288	348	299	335	182	1977
1978	381	387	386	295	324	302	404	467	453	422	449	474	396	1978
1979	458	371	290	322	289	267	175	187	339	459	479	497	344	1979
1980	491	513	522	485	235	155	135	143	213	284	302	337	317	1980
1981	324	311	196	119	68.0	49.1	48.8	120	219	471	240	141	177	1981
1982	256	265	221	164	206	226	214	300	547	400	425	424	287	1982
1983	360	340	302	187	156	182	202	150	211	336	390	376	266	1983
1984	347	279	198	129	134	245	241	205	264	320	454	497	276	1984
1985	486	445	348	189	408	547	733	445	479	563	567	571	482	1985
1986	495	432	408	282	393	236	238	262	279	311	395	415	345	1986
1987	434	429	326	249	152	114	131	89.6	185	209	237	240	232	1987
1988	235	177	148	89.6	94.7	64.5	78.7	54.0	227	417	470	467	210	1988
1989	460	393	345	279	253	279	361	359	324	277	303	418	338	1989
1990	401	396	296	151	208	248	373	449	305	372	334	375	326	1990
MEAN	408	387	344	289	258	278	281	275	330	378	405	404	337	MEAN

LOCATION - LAT 50 35 01 N LONG 093 27 15 W

DRAINAGE AREA, 37 000 km² REGULATED

DATA CONTRIBUTED BY - ONTARIO HYDRO

ENGLISH RIVER AT MANITOU FALLS - STATION NO. 05QE007

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1956	---	---	---	---	1956
1957	---	---	---	---	1957
1958	---	413 ON SEP 19	56.6 ON SEP 29	8 020 000	1958
1959	---	597 ON APR 29	49.8 ON MAR 03	9 970 000	1959
		889 ON JUN 19 *	71.4 ON MAY 10	14 400 000	
1960	---	538 ON JAN 04	86.7 ON AUG 14	10 700 000	1960
1961	---	464 ON FEB 16	0 ON DEC 25 *	7 440 000	1961
1962	---	657 ON AUG 24	0 ON FEB 11	8 250 000	1962
1963	---	493 ON FEB 16	0 ON JUL 01	11 300 000	1963
1964	---	787 ON SEP 17	0 ON MAR 01	13 100 000	1964
1965	---	603 ON DEC 27	0 ON MAY 30	12 000 000	1965
1966	---	572 ON MAY 22	34.3 ON DEC 25	12 500 000	1966
1967	---	481 ON JAN 05	8.21 ON APR 23	8 890 000	1967
1968	---	682 ON OCT 24	50.1 ON AUG 24	12 900 000	1968
1969	---	640 ON OCT 11	9.80 ON MAY 25	14 100 000	1969
1970	---	762 ON NOV 04	0 ON MAY 18	13 600 000	1970
1971	---	609 ON APR 20	0 ON SEP 12	13 300 000	1971
1972	---	566 ON FEB 25	106 ON JUL 09	12 300 000	1972
1973	---	547 ON DEC 27	27.8 ON JUN 13	10 100 000	1973
1974	---	861 ON JUN 23	187 ON DEC 25	17 800 000	1974
1975	---	513 ON JAN 03	57.8 ON JUL 27	11 500 000	1975
1976	---	498 ON JAN 30	0 ON JUL 01	8 140 000	1976
1977	---	447 ON SEP 30	0 ON APR 16	5 730 000	1977
1978	---	547 ON AUG 10	43.0 ON JUL 07	12 500 000	1978
1979	---	541 ON JAN 06	29.7 ON AUG 26	10 900 000	1979
1980	---	540 ON JAN 31	0 ON JUN 18	10 000 000	1980
1981	---	409 ON OCT 24	0 ON JUN 11	5 580 000	1981
1982	---	496 ON NOV 27	40.1 ON APR 18	9 060 000	1982
1983	---	457 ON NOV 24	71.1 ON MAY 07	8 390 000	1983
1984	---	521 ON NOV 21	65.4 ON MAY 21	8 720 000	1984
1985	---	806 ON JUL 08	86.1 ON APR 07	15 200 000	1985
1986	---	570 ON JAN 01	148 ON JUN 20	10 900 000	1986
1987	---	454 ON FEB 18	28.0 ON JUL 30	7 310 000	1987
1988	---	517 ON NOV 26	23.6 ON JUL 04	6 650 000	1988
1989	---	472 ON JAN 05	116 ON SEP 26	10 600 000	1989
1990	---	509 ON AUG 15	39.3 ON APR 27	10 300 000	1990
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		10 700 000	MEAN

ENGLISH RIVER AT PINE RIDGE - STATION NO. 05QB007

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1917	---	---	---	---	---	---	---	---	---	---	173	159	---	1917
1918	142	125	113	115	171	210	238	235	213	185	191	223	180	1918
1919	217	193	166	145	169	203	219	212	216	---	---	---	---	1919
MEAN	180	159	140	130	170	207	229	224	215	185	182	191	180	MEAN

LOCATION - LAT 50 38 00 N
LONG 093 10 00 W

NATURAL FLOW

DATA CONTRIBUTED BY - ONTARIO HYDRO

ENGLISH RIVER AT PINE RIDGE - STATION NO. 05QB007

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1917	---	---	---	---	1917
1918	---	---	---	---	1918
1919	---	246 ON JUL 13 *	104 ON APR 01 *	5 690 000	1919
		---	---	---	
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		5 690 000	MEAN

ENGLISH RIVER AT UMFREVILLE - STATION NO. 05QA002

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1921	---	---	---	---	---	---	---	---	---	50.0	46.1	42.1	---	1921
1922	36.2	35.5	33.1	40.4	106	74.8	42.7	34.2	24.9	21.5	21.3	23.4	41.2	1922
1923	23.9	21.6	20.3	20.3	79.8	59.8	65.5	75.3	32.4	36.2	28.7	23.1	42.5	1923
1924	20.1	17.8	16.0	18.4	46.8	52.8	36.9	29.4	31.2	41.0	40.3	30.9	31.8	1924
1925	22.1	19.5	19.6	40.6	93.3	104	96.8	57.9	58.5	51.3	47.3	39.4	54.4	1925
1926	29.7	23.1	20.7	22.6	61.7	72.5	96.2	63.2	84.0	108	80.2	59.9	60.4	1926
1927	43.2	32.8	28.6	50.2	235	219	211	101	50.7	44.0	44.1	34.5	91.7	1927
1928	26.3	20.0	19.0	21.1	75.8	92.0	84.1	73.8	75.1	95.0	78.5	52.5	59.5	1928
1929	35.0	25.3	22.1	30.6	57.1	70.1	73.9	43.0	22.3	16.6	16.5	17.4	35.9	1929
1930	15.4	12.3	12.4	14.6	30.6	33.5	33.3	23.6	14.4	12.2	13.8	20.2	19.8	1930
1931	19.7	17.1	15.9	15.7	24.2	53.5	51.4	34.7	23.9	21.1	24.4	29.6	27.6	1931
1932	26.7	23.1	21.7	26.9	212	107	71.1	55.3	36.5	27.9	44.5	46.7	58.6	1932
1933	34.2	27.4	23.3	30.6	104	79.8	38.7	19.7	12.5	14.9	22.4	27.3	36.3	1933
1934	26.4	24.2	21.6	23.7	169	178	123	65.5	38.9	31.7	49.4	46.0	66.7	1934
1935	36.5	30.3	27.3	31.9	145	106	104	93.1	61.5	66.5	68.5	53.3	69.0	1935
1936	39.9	30.6	26.6	26.5	97.1	94.5	47.0	20.2	14.8	11.3	11.2	13.2	36.1	1936
1937	14.0	15.3	14.9	19.8	129	134	81.8	58.9	49.0	43.4	39.6	32.8	53.0	1937
1938	26.1	21.2	19.0	49.8	132	99.5	62.7	37.3	24.9	14.9	14.4	14.8	43.0	1938
1939	15.0	14.5	14.0	15.1	43.0	57.0	43.9	29.6	19.8	18.8	19.4	17.5	25.7	1939
1940	15.0	13.6	10.8	12.5	33.0	47.3	28.5	17.4	7.78	3.15	3.21	6.70	16.6	1940
1941	8.84	9.79	9.81	24.0	61.6	99.9	82.4	51.2	125	372	159	83.2	91.1	1941
1942	48.0	36.1	29.9	33.8	61.9	62.8	45.8	49.3	61.9	55.4	45.9	35.2	47.2	1942
1943	29.8	26.8	23.4	24.4	97.1	186	168	68.3	87.6	94.0	65.3	51.0	77.0	1943
1944	37.5	30.5	27.1	28.3	84.6	111	70.1	78.3	86.7	55.1	38.1	41.0	57.4	1944
1945	32.9	27.7	26.4	65.5	87.4	64.1	56.8	38.1	39.5	59.6	45.6	39.5	48.7	1945
1946	31.8	29.7	28.1	82.0	130	81.4	44.3	30.8	20.9	50.8	83.1	60.5	56.9	1946
1947	43.5	34.5	28.5	45.3	74.0	129	77.7	38.5	30.4	47.9	40.8	37.3	50.7	1947
1948	32.8	27.0	22.9	25.7	145	89.3	54.6	39.3	39.2	29.0	26.4	29.8	47.3	1948
1949	29.6	26.7	24.0	36.4	97.3	81.1	53.4	36.0	24.4	28.1	47.4	46.3	44.3	1949
1950	40.3	34.8	30.4	30.4	198	268	184	84.9	50.7	62.3	61.4	51.6	91.7	1950
1951	40.3	33.4	31.7	37.4	164	136	99.7	63.1	48.4	73.6	73.4	63.3	72.3	1951
1952	48.5	38.5	32.5	47.0	125	78.8	141	100	47.3	29.3	25.3	25.9	61.8	1952
1953	23.6	22.3	21.5	25.6	41.9	137	140	72.9	132	119	70.4	60.8	72.5	1953
1954	49.2	42.5	37.9	45.5	195	257	119	52.5	34.4	38.6	42.8	41.5	79.8	1954
1955	33.0	28.3	27.1	47.0	95.4	70.2	40.0	22.0	14.0	24.0	38.6	38.9	39.9	1955
1956	32.3	29.1	25.5	35.3	135	206	93.6	43.2	31.5	31.4	31.4	33.2	60.6	1956
1957	29.2	24.5	23.2	38.4	146	90.2	80.7	41.8	23.8	31.0	40.4	45.6	51.5	1957
1958	37.4	29.8	27.6	47.1	84.6	66.8	75.5	58.9	46.4	71.9	62.3	60.7	56.0	1958
1959	44.8	33.7	26.3	31.0	85.2	135	94.0	72.8	53.9	43.8	47.9	38.0	59.0	1959
1960	33.2	28.0	22.7	27.2	78.6	119	68.3	30.9	26.1	24.5	31.9	31.3	43.4	1960
1961	26.8	21.6	21.1	36.1	111	98.1	53.3	43.3	39.8	47.6	39.2	33.3	47.8	1961
1962	25.6	22.4	19.8	20.6	72.4	138	83.6	70.1	98.1	57.4	38.2	36.2	56.9	1962
1963	33.6	26.4	20.7	30.2	44.8	122	113	112	62.5	37.4	28.9	32.4	55.5	1963
1964	29.5	28.7	26.2	39.6	197	148	171	113	144	127	90.4	63.0	98.4	1964
1965	46.8	35.6	33.0	33.0	106	133	92.8	55.5	38.8	102	116	78.7	72.8	1965
1966	58.6	45.2	39.1	49.5	164	232	113	46.3	26.3	17.1	22.4	26.4	70.0	1966
1967	27.9	25.0	21.9	43.7	111	107	70.9	65.3	36.2	26.4	20.5	30.5	49.9	1967
1968	27.0	23.2	21.2	46.5	114	235	209	105	107	105	128	83.6	101	1968
1969	58.6	47.3	40.8	53.5	139	170	147	121	83.7	69.1	56.7	50.3	86.7	1969
1970	43.9	37.6	31.3	31.0	151	180	106	56.5	65.8	93.2	134	93.1	85.5	1970
1971	64.1	45.2	37.3	50.3	125	146	89.6	40.2	55.3	149	255	146	100	1971
1972	80.0	53.5	41.8	37.9	102	101	72.0	49.9	36.9	40.2	41.5	40.7	58.8	1972
1973	34.4	27.0	24.9	31.7	71.8	68.8	60.1	49.9	48.8	56.5	63.4	54.7	48.9	1973
1974	47.8	41.3	38.0	34.7	141	274	170	87.9	57.3	62.0	65.7	56.7	89.9	1974
1975	45.7	38.4	32.5	32.5	94.8	79.3	52.6	27.7	19.9	19.9	29.4	31.0	42.0	1975
1976	26.8	25.1	25.4	61.2	111	55.5	41.2	23.5	13.5	9.72	10.9	12.7	35.0	1976
1977	12.2	13.0	15.2	34.6	74.4	65.3	69.5	43.9	46.9	59.2	53.6	53.4	45.3	1977
1978	40.8	29.9	23.3	22.7	83.6	149	108	71.8	60.5	47.2	34.3	29.2	50.8	1978
1979	25.2	22.4	24.0	38.9	140	96.7	50.1	34.7	34.3	25.5	48.8	45.0	48.9	1979
1980	36.6	29.9	26.2	32.1	64.5	37.4	23.4	20.8	35.1	54.6	49.3	38.1	37.3	1980
1981	29.0	24.6	23.8	38.3	68.2	60.2	49.0	23.7	12.3	9.94	12.4	16.0	30.7	1981
1982	17.6	15.8	15.0	18.5	79.7	81.8	78.9	76.3	52.5	86.4	87.5	64.4	58.5	1982
1983	44.0	33.2	30.0	29.6	46.4	77.6	82.7	40.5	20.4	20.7	30.5	33.8	40.8	1983
1984	30.0	26.3	23.4	36.9	98.6	108	68.5	40.1	24.3	20.5	24.8	31.4	44.5	1984
1985	33.2	27.2	23.0	42.2	205	155	122	89.1	96.0	172	120	75.2	97.1	1985
1986	43.0	43.1	38.4	68.1	164	98.6	90.9	73.2	50.2	55.8	47.6	42.7	69.1	1986
1987	35.0	29.9	27.7	32.1	28.9	41.9	29.2	33.0	41.0	41.7	44.0	36.4	35.0	1987
1988	40.4	32.0	24.3	29.4	83.1	66.0	65.3	78.3	176	161	99.2	75.8	74.0	1988
1989	59.6	46.4	37.5	43.0	161	119	90.3	55.8	41.4	36.6	34.7	30.8	63.2	1989
1990	28.3	26.8	26.6	40.4	134	133	106	62.1	39.3	33.4	32.3	33.5	58.1	1990
MEAN	34.3	28.3	25.2	35.0	106	113	84.9	55.3	49.1	55.9	52.3	43.2	57.1	MEAN

LOCATION - LAT 49 52 30 N DRAINAGE AREA, 6 230 km²
LONG 091 27 30 W NATURAL FLOW

REMARKS - PRIOR TO 1981 DRAINAGE AREA PUBLISHED AS 6400 KM2

ENGLISH RIVER AT UMFREVILLE - STATION NO. 05QA002

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1921	---	---	---	---	1921
1922	---	121 ON MAY 18	20.0 ON NOV 01	1 300 000	1922
1923	---	93.4 ON MAY 15	19.4 B ON MAR 31	1 340 000	1923
1924	---	57.8 ON MAY 21	15.3 B ON APR 01	1 010 000	1924
1925	---	121 ON JUN 24	19.0 ON FEB 01	1 720 000	1925
1926	---	116 ON OCT 11	20.1 ON MAR 19	1 900 000	1926
1927	---	260 ON MAY 17	27.3 B ON MAR 26	2 890 000	1927
1928	---	107 ON OCT 18	18.3 B ON MAR 07	1 800 000	1928
1929	---	80.7 ON JUN 28	14.7 ON OCT 30	1 130 000	1929
1930	---	36.8 ON MAY 21	11.0 ON OCT 05	623 000	1930
1931	---	65.1 ON JUN 26	14.1 ON APR 05	870 000	1931
1932	---	294 ON MAY 14	20.7 ON APR 02	1 850 000	1932
1933	---	116 ON MAY 15	10.3 ON SEP 12	1 150 000	1933
1934	---	245 ON MAY 21	21.1 ON MAR 18	2 100 000	1934
1935	---	173 ON MAY 17	24.9 ON APR 10	2 180 000	1935
1936	---	133 ON MAY 26	10.6 ON OCT 23	1 140 000	1936
1937	---	154 ON MAY 23	13.3 B ON JAN 15	1 670 000	1937
1938	---	142 ON MAY 13	12.7 ON OCT 26	1 360 000	1938
1939	---	63.4 ON JUN 10	13.5 ON APR 06	810 000	1939
1940	---	49.8 ON JUN 02	1.84 ON NOV 13 *	525 000	1940
1941	---	445 ON OCT 11 *	7.62 ON JAN 01	2 870 000	1941
1942	---	71.4 ON MAY 31	28.6 ON MAR 22	1 490 000	1942
1943	---	218 ON JUL 03	20.8 ON APR 03	2 430 000	1943
1944	---	113 ON JUN 22	25.8 ON APR 16	1 810 000	1944
1945	---	95.1 ON MAY 04	24.8 ON MAR 10	1 540 000	1945
1946	---	153 ON MAY 04	19.3 ON SEP 18	1 790 000	1946
1947	---	150 ON JUN 17	23.9 ON APR 11	1 600 000	1947
1948	---	172 ON MAY 16	21.5 ON MAR 21	1 500 000	1948
1949	---	104 ON MAY 21	22.2 ON SEP 11	1 400 000	1949
1950	---	377 ON MAY 29	28.6 ON APR 07	2 890 000	1950
1951	---	200 ON MAY 19	30.3 ON MAR 29	2 280 000	1951
1952	---	168 ON JUL 21	24.4 ON NOV 15	1 960 000	1952
1953	---	172 ON JUN 29	21.1 ON MAR 07	2 290 000	1953
1954	---	323 ON JUN 01	31.1 ON SEP 17	2 520 000	1954
1955	---	106 ON MAY 08	12.3 ON SEP 17	1 260 000	1955
1956	---	250 ON JUN 04	24.3 ON APR 02	1 920 000	1956
1957	---	169 ON MAY 10	21.7 B ON MAR 07	1 620 000	1957
1958	---	93.4 ON MAY 11	27.0 B ON MAR 12	1 760 000	1958
1959	---	150 ON JUN 13	24.4 B ON MAR 26	1 860 000	1959
1960	---	127 ON JUN 11	20.4 ON APR 09	1 370 000	1960
1961	---	121 ON MAY 16	20.4 B ON MAR 01	1 510 000	1961
1962	---	153 ON JUN 04	17.9 ON MAR 24	1 790 000	1962
1963	---	160 ON JUN 30	18.4 ON MAR 29	1 750 000	1963
1964	---	234 ON MAY 18	25.1 ON MAR 20	3 110 000	1964
1965	---	156 ON JUN 10	29.4 ON APR 06	2 290 000	1965
1966	---	283 ON JUN 01	16.1 ON OCT 21	2 710 000	1966
1967	---	127 ON MAY 28	20.8 ON MAR 24	1 570 000	1967
1968	---	303 ON JUN 22	19.9 ON MAR 11	3 180 000	1968
1969	---	189 ON JUN 11	35.1 ON APR 08	2 730 000	1969
1970	---	206 ON JUN 03	26.6 ON APR 05	2 700 000	1970
1971	---	289 ON NOV 07	23.5 ON SEP 02	3 170 000	1971
1972	---	120 ON MAY 31	34.0 ON SEP 21	1 860 000	1972
1973	---	77.3 ON MAY 22	20.8 ON MAR 12	1 540 000	1973
1974	---	289 ON JUN 08	30.9 ON APR 19	2 840 000	1974
1975	---	108 A ON MAY 22	18.1 ON OCT 13	1 320 000	1975
1976	138 AT 14:50 CST ON MAY 04	134 ON MAY 04	8.72 ON OCT 14	1 110 000	1976
1977	79.0 AT 14:44 CST ON MAY 07	79.2 ON MAY 07	11.9 ON JAN 10	1 430 000	1977
1978	---	162 ON JUN 14	21.9 ON MAR 29	1 850 000	1978
1979	164 AT 02:51 CST ON MAY 25	163 ON MAY 19	21.8 ON FEB 22	1 540 000	1979
1980	70.7 AT 16:60 CST ON MAY 16	70.1 ON MAY 16	19.4 ON AUG 11	1 180 000	1980
1981	---	73.4E ON MAY 14	8.67 ON SEP 30	967 000	1981
1982	112 AT 18:03 CST ON MAY 26	112 ON MAY 26	14.3 ON MAR 09	1 780 000	1982
1983	96.2 AT 21:55 CST ON JUL 13	93.9 ON JUL 07	15.6 ON SEP 30	1 290 000	1983
1984	118 AT 17:10 CST ON JUN 17	118 ON JUN 16	18.9 ON OCT 15	1 410 000	1984
1985	245 AT 13:54 CST ON MAY 22 *	244 ON MAY 22	21.2 ON APR 01	3 060 000	1985
1986	186 AT 12:30 CST ON MAY 16	185 ON MAY 16	35.9 ON MAR 29	2 180 000	1986
1987	47.9 AT 16:56 CST ON JUN 15	46.7 ON JUN 14	24.1 ON MAY 19	1 110 000	1987
1988	245 AT 13:05 CST ON SEP 26	245 ON SEP 26	20.4 ON MAR 21	2 340 000	1988
1989	185 AT 16:36 CST ON MAY 17	184 ON MAY 17	28.6 ON DEC 29	1 990 000	1989
1990	152 AT 14:30 CST ON MAY 21	152 ON MAY 21	24.2 ON MAR 11	1 830 000	1990
				1 800 000	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX)
B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

ENGLISH RIVER NEAR SIOUX LOOKOUT - STATION NO. 05QA001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1921	---	---	---	---	---	---	---	---	131	150	126	107	---	1921
1922	86.9	75.4	68.4	72.8	146	161	124	97.8	73.6	58.3	50.4	48.1	88.7	1922
1923	46.7	45.3	43.9	49.5	153	155	149	157	134	117	87.4	74.3	101	1923
1924	58.3	52.8	46.2	49.6	92.3	108	99.0	87.5	75.6	68.8	67.6	63.8	72.5	1924
1925	62.7	59.5	58.3	76.9	176	227	232	173	144	135	121	101	131	1925
1926	88.4	67.5	64.3	62.0	114	158	203	162	164	246	202	162	141	1926
1927	130	105	86.2	101	421	509	517	275	164	123	108	95.1	220	1927
1928	83.4	69.6	60.3	56.0	110	168	194	172	210	182	177	144	136	1928
1929	110	87.9	72.8	71.2	107	140	143	111	81.5	56.3	43.3	36.5	88.4	1929
1930	35.4	35.3	32.1	28.2	51.8	73.9	85.8	75.5	55..	38.5	32.2	33.4	48.2	1930
1931	36.1	39.5	32.2	31.2	43.9	93.0	124	99.8	78.8	62.6	62.3	69.1	64.6	1931
1932	68.7	64.6	61.5	67.1	228	259	165	131	93.4	74.4	74.6	88.2	115	1932
1933	85.7	77.0	72.1	56.6	126	203	117	60.5	45.2	42.5	42.9	52.0	82.2	1933
1934	54.7	52.9	46.6	46.0	260	430	333	187	111	88.6	109	109	153	1934
1935	98.2	85.2	71.7	72.5	212	229	215	196	154	167	170	135	151	1935
1936	107	81.0	78.3	74.8	148	213	138	73.7	65.7	48.5	40.5	34.4	91.7	1936
1937	31.2	32.8	35.4	38.9	203	292	214	145.	96.4	86.0	88.0	79.6	114	1937
1938	71.8	63.7	55.0	87.3	230	222	149	93.3	66.2	52.6	40.9	37.0	97.6	1938
1939	34.2	33.6	33.2	34.5	57.4	111	120	79.0	56.4	53.3	57.1	49.3	60.0	1939
1940	41.6	37.1	30.7	28.3	58.9	81.2	74.2	53.4	39.0	23.9	21.2	18.5	42.3	1940
1941	18.5	19.1	20.1	29.5	98.9	176	186	131	183	571	385	205	170	1941
1942	125	103	87.6	64.2	106	118	99.9	90.6	121	133	101	82.6	103	1942
1943	74.6	69.6	56.2	56.1	151	332	365	245	227	214	146	124	172	1943
1944	101	81.3	67.3	62.5	147	252	218	213	185	158	119	106	143	1944
1945	91.2	74.2	64.9	119	183	177	149	101	87.7	106	101	91.1	112	1945
1946	81.4	71.5	67.2	142	337	228	145	80.1	51.6	99.6	177	150	137	1946
1947	109	86.0	70.9	59.0	128	264	199	103	81.1	81.6	93.6	77.4	112	1947
1948	64.6	52.7	42.9	51.4	207	233	172	124	112	91.4	70.2	63.8	107	1948
1949	63.8	60.9	56.2	67.8	178	189	138	95.5	64.6	60.6	83.8	93.2	96.2	1949
1950	94.9	83.2	69.9	63.9	284	600	447	259	122	116	135	123	200	1950
1951	103	85.4	71.6	78.1	292	339	249	180	139	158	161	130	166	1951
1952	104	85.5	74.2	83.7	178	186	272	267	147	110	79.4	61.1	138	1952
1953	51.9	49.1	46.9	53.2	68.0	226	328	222	208	243	183	127	151	1953
1954	111	95.0	82.1	82.6	327	634	318	147	87.2	77.9	83.2	87.4	178	1954
1955	77.0	67.8	64.7	86.2	206	224	141	83.5	60.4	50.8	65.5	76.1	100	1955
1956	77.3	69.9	62.6	59.9	160	401	259	133	77.5	65.5	58.5	58.0	123	1956
1957	58.4	53.3	50.7	62.1	227	222	189	112	66.1	53.4	59.2	67.5	102	1957
1958	66.9	61.5	52.4	63.4	130	138	141	129	92.3	148	144	127	108	1958
1959	100	80.6	66.7	62.2	148	303	239	187	140	101	91.4	82.4	134	1959
1960	72.2	63.8	55.2	58.8	127	219	170	93.8	62.2	50.5	50.2	59.0	90.2	1960
1961	58.5	52.4	49.7	58.9	171	202	133	88.5	70.4	67.9	66.7	62.6	90.3	1961
1962	58.1	53.2	48.0	49.4	96.7	208	181	158	206	132	95.2	83.4	114	1962
1963	73.7	66.6	56.3	51.8	84.4	175	221	190	147	89.1	60.4	54.6	107	1963
1964	55.5	57.3	53.9	64.4	302	299	298	214	302	294	193	141	190	1964
1965	109	86.5	74.4	69.4	146	231	211	151	106	139	194	160	140	1965
1966	130	107	88.0	90.6	242	443	306	156	86.7	53.3	46.3	40.7	150	1966
1967	52.0	52.9	49.8	63.2	181	250	179	133	91.4	61.3	52.4	51.9	102	1967
1968	53.0	50.1	47.0	62.7	188	381	387	259	204	194	210	156	183	1968
1969	118	104	84.2	89.3	217	343	287	267	231	184	146	119	183	1969
1970	97.6	81.0	71.0	66.6	227	347	232	139	143	189	251	189	170	1970
1971	127	95.6	83.2	97.7	223	283	197	109	83.4	193	403	304	184	1971
1972	177	117	90.1	77.4	163	186	136	96.9	72.5	70.3	76.1	75.3	112	1972
1973	69.9	57.5	53.5	62.7	116	124	133	125	119	136	135	120	105	1973
1974	96.9	81.5	69.4	73.6	277	511	346	182	128	115	114	104	175	1974
1975	92.0	81.9	70.6	69.4	166	176	124	82.0	59.2	47.3	50.6	53.0	89.4	1975
1976	50.4	49.3	47.2	96.8	189	137	97.6	58.4	33.7	22.8	17.4	16.4	67.4	1976
1977	16.2	17.5	20.2	34.8	80.5	114	122	103	99.6	98.8	86.8	88.8	73.6	1977
1978	80.4	65.2	53.6	52.5	142	291	244	151	116	91.8	70.2	58.2	117	1978
1979	54.7	48.8	48.4	61.4	211	224	130	84.9	77.6	71.2	103	99.9	102	1979
1980	83.4	70.4	59.3	58.6	107	86.4	56.4	45.7	46.6	64.9	78.0	72.9	69.2	1980
1981	61.9	51.8	45.9	53.2	86.4	113	133	77.4	43.0	29.3	23.8	25.8	62.1	1981
MEAN	78.2	67.1	58.8	65.3	171	240	199	138	112	113	108	92.0	120	MEAN

LOCATION - LAT 50 04 15 N DRAINAGE AREA, 13 900 km²
LONG 091 56 40 W NATURAL FLOW

REMARKS - PRIOR TO 1981 DRAINAGE AREA PUBLISHED AS 13600 KM2

ENGLISH RIVER NEAR SIOUX LOOKOUT - STATION NO. 05QA001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1921	---	---	---	---	1921
1922	---	195 ON MAY 30	45.6E ON DEC 16	2 800 000	1922
1923	---	172 ON MAY 20	37.1E ON APR 01	3 200 000	1923
1924	---	111 ON JUN 06	42.8B ON MAR 23	2 290 000	1924
1925	---	243 ON JUN 20	54.9 ON MAR 24	4 130 000	1925
1926	---	264 ON OCT 15	59.5 ON APR 09	4 460 000	1926
1927	---	583 ON MAY 29	78.4B ON MAR 24	6 950 000	1927
1928	---	224 ON SEP 08	54.9B ON APR 05	4 290 000	1928
1929	---	149 ON JUL 12	35.4 ON DEC 14	2 790 000	1929
1930	---	88.3 ON JUL 18	24.9 ON APR 17	1 520 000	1930
1931	---	131 ON JUL 06	30.0 ON MAR 23	2 040 000	1931
1932	---	331 ON MAY 27	59.5 ON MAR 29	3 630 000	1932
1933	---	220 ON JUN 11	40.5 ON SEP 16	2 590 000	1933
1934	---	470 ON JUN 16	43.9 ON MAR 30	4 820 000	1934
1935	---	272 ON MAY 18	69.1 ON MAR 17	4 760 000	1935
1936	---	242 ON MAY 30	32.6 ON DEC 31	2 900 000	1936
1937	---	309 ON JUN 13	30.0 ON JAN 25	3 530 000	1937
1938	---	251 ON MAY 17	35.1 ON DEC 28	3 080 000	1938
1939	---	129 ON JUL 05	32.8 ON MAR 17	1 890 000	1939
1940	---	85.5 ON JUL 05	18.4 ON DEC 07	1 340 000	1940
1941	---	614 ON OCT 15	18.4 ON JAN 21	5 350 000	1941
1942	---	158 ON JAN 01	49.5 ON APR 11	5 240 000	1942
1943	---	402 ON JUL 04	51.8 ON APR 14	5 440 000	1943
1944	---	269 ON JUN 17	59.2 ON APR 09	4 510 000	1944
1945	---	193 ON MAY 31	61.4 ON MAR 13	3 540 000	1945
1946	---	365 ON MAY 12	47.0 ON SEP 16	4 320 000	1946
1947	---	306 ON JUN 21	56.1 ON APR 19	3 530 000	1947
1948	---	260 ON MAY 27	41.1 ON MAR 22	3 390 000	1948
1949	---	215 ON MAY 28	51.8 ON APR 05	3 030 000	1949
1950	---	651 ON JUN 08	57.2 ON APR 17	6 320 000	1950
1951	---	394 ON JUN 01	65.1 ON MAR 17	5 240 000	1951
1952	---	334 ON JUL 29	54.4 ON DEC 30	4 350 000	1952
1953	---	357 ON JUL 07	44.5 ON MAR 16	4 770 000	1953
1954	---	711 ON JUN 07 *	66.0 ON MAR 28	5 610 000	1954
1955	---	242 ON JUN 09	47.9 ON SEP 27	3 170 000	1955
1956	---	436 ON JUN 14	55.2 ON NOV 28	3 910 000	1956
1957	---	249 ON MAY 14	49.3 ON APR 07	3 220 000	1957
1958	---	169 ON OCT 21	52.7 ON MAR 31	3 420 000	1958
1959	---	334 ON JUN 15	59.7 ON APR 10	4 220 000	1959
1960	231 AT 06:00 CST ON JUN 22	230 ON JUN 22	46.4 ON OCT 24	2 850 000	1960
1961	223 AT 12:35 CST ON JUN 12	219 ON JUN 09	47.6 ON APR 09	2 850 000	1961
1962	---	234 A ON SEP 01	45.3 ON MAR 26	3 600 000	1962
1963	---	252 ON JUL 06	52.4 ON MAR 29	3 380 000	1963
1964	---	365 ON MAY 22	51.0 ON APR 05	6 000 000	1964
1965	---	249 ON JUN 12	64.3 ON APR 05	4 420 000	1965
1966	---	484 ON JUN 07	45.6E ON NOV 19	4 730 000	1966
1967	272 AT 22:30 CST ON JUN 03	264 ON JUN 04	48.1 ON MAR 28	3 210 000	1967
1968	450 AT 17:30 CST ON JUL 03 *	442 ON JUN 26	46.2 ON MAR 14	5 790 000	1968
1969	377 AT 16:30 CST ON JUN 16	371 ON JUN 14	71.9 ON APR 11	5 770 000	1969
1970	382 AT 16:00 CST ON JUN 09	379 ON JUN 07	62.3 ON APR 14	5 350 000	1970
1971	---	430 ON NOV 18	76.5 ON APR 08	5 790 000	1971
1972	---	225 ON JAN 01	66.0 ON SEP 23	3 530 000	1972
1973	150 AT 13:09 CST ON OCT 27	147 ON OCT 26	52.1 ON MAR 07	3 300 000	1973
1974	---	544 ON JUN 14	62.6 ON APR 17	5 530 000	1974
1975	200 AT 09:30 CST ON MAY 26	200 ON MAY 25	44.7 ON OCT 21	2 820 000	1975
1976	201 AT 08:00 CST ON MAY 15	201 ON MAY 13	16.2 ON DEC 15	2 130 000	1976
1977	125 AT 05:32 CST ON JUL 20	125 ON JUL 17	16.0 ON JAN 12 *	2 320 000	1977
1978	309 AT 09:35 CST ON JUN 16	309 ON JUN 12	49.8 ON MAR 29	3 680 000	1978
1979	273 AT 23:13 CST ON MAY 27	272 ON MAY 27	46.4 ON MAR 07	3 200 000	1979
1980	117 AT 09:38 CST ON MAY 18	116 ON MAY 18	42.7 ON AUG 28	2 190 000	1980
1981	152 AT 16:26 CST ON JUL 08	150 ON JUL 08	22.9 ON NOV 24	1 960 000	1981
MEAN				3 800 000	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX)
B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

ERAMOSA RIVER ABOVE GUELPH - STATION NO. 02GA029

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1962	---	---	---	4.48	1.52	1.15	0.545	0.539	0.615	1.57	2.39	1.57	---	1962
1963	1.08	0.934	4.59	2.74	2.34	0.867	0.816	0.620	0.519	0.500	0.628	0.311	1.35	1963
1964	1.22	0.781	2.79	3.62	2.09	1.19	1.26	1.44	0.622	0.625	0.720	1.69	1.51	1964
1965	2.12	4.58	2.95	10.5	2.59	0.651	0.853	0.750	0.820	2.04	2.54	3.62	2.81	1965
1966	5.35	2.85	5.23	3.41	2.19	1.46	0.517	0.522	0.421	0.504	1.39	2.54	1.94	1966
1967	5.07	4.15	3.16	8.57	2.58	3.26	2.94	1.08	0.838	1.93	2.25	3.31	3.84	1967
1968	1.70	4.30	5.15	3.73	2.26	1.32	1.02	2.85	2.15	1.69	2.78	2.75	2.80	1968
1969	2.64	2.99	5.48	8.40	3.88	1.58	0.872	0.789	0.407	0.659	1.75	0.993	2.53	1969
1970	0.823	0.965	1.36	6.49	2.49	0.962	1.14	0.853	1.21	1.48	2.20	3.06	1.92	1970
1971	1.64	1.95	2.81	7.95	1.99	2.00	1.48	1.62	1.06	0.808	1.06	2.47	2.23	1971
1972	1.65	1.48	2.18	12.0	3.29	2.32	1.71	0.789	0.788	1.92	2.18	2.59	2.73	1972
1973	3.04	2.91	10.7	5.21	3.65	2.92	0.840	0.844	0.497	0.973	2.45	1.79	2.91	1973
1974	2.56	2.56	7.56	6.47	6.44	2.32	1.06	0.764	0.637	0.780	1.72	1.17	2.84	1974
1975	1.49	2.09	4.84	7.36	2.91	1.67	0.709	0.861	1.18	1.06	1.54	1.93	2.30	1975
1976	1.37	3.75	11.1	6.63	4.74	1.99	1.61	1.46	1.75	1.83	1.47	1.24	3.24	1976
1977	0.646	0.656	7.90	4.76	1.62	1.06	0.879	1.27	2.23	3.41	1.46	4.16	2.69	1977
1978	2.66	1.85	3.08	11.3	4.32	1.53	0.720	0.699	1.71	1.43	2.66	1.74	2.72	1978
1979	1.94	1.43	7.92	8.63	4.19	1.81	1.25	1.49	1.66	1.36	2.52	3.64	3.16	1979
1980	2.12	1.10	5.34	5.94	3.08	1.95	1.67	0.950	1.03	1.44	1.28	1.89	2.32	1980
1981	0.943	5.44	2.74	2.99	1.86	1.20	1.66	1.51	2.16	2.98	2.80	1.75	2.31	1981
1982	1.24	1.11	3.24	10.9	2.63	3.56	1.61	1.18	1.58	1.49	3.38	5.60	3.13	1982
1983	3.04	3.54	3.86	4.98	5.35	2.15	0.896	1.21	1.22	1.24	1.51	1.98	2.57	1983
1984	1.11	4.89	4.49	6.08	3.05	1.95	0.905	0.643	1.23	0.998	1.93	2.41	2.46	1984
1985	1.82	3.53	9.13	10.7	2.43	1.63	1.55	1.45	2.40	1.90	6.09	3.60	3.84	1985
1986	2.45	1.99	6.03	3.98	2.82	2.08	1.02	1.21	9.06	6.93	3.42	3.47	4.05	1986
1987	2.56	1.38	5.43	7.00	1.83	1.09	1.17	0.746	0.709	1.09	1.47	2.43	2.25	1987
1988	1.83	2.19	4.35	3.86	1.91	0.624	0.507	0.534	0.713	1.14	2.00	1.49	1.76	1988
1989	1.83	1.34	3.56	3.14	2.35	2.70	0.603	0.479	0.394	0.649	1.65	0.644	1.61	1989
1990	1.64	2.79	6.05	2.88	2.71	1.22	0.867	0.883	0.617	2.31	2.66	4.13	2.40	1990
MEAN	1.84	2.41	5.18	6.37	2.93	1.70	1.20	1.10	1.39	1.61	2.17	2.42	2.54	MEAN

LOCATION - LAT 43 32 52 N LONG 080 10 59 W DRAINAGE AREA, 236 km² REGULATED

ERAMOSA RIVER ABOVE GUELPH - STATION NO. 02GA029

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1962	---	19.7 ON MAR 31	---	---	1962
1963	---	24.4 A ON MAR 28	0.218 ON DEC 07	42 600	1963
1964	10.9 AT 08:00 EST ON MAR 12	8.75 ON APR 08	0.105A ON JUL 29 *	47 700	1964
1965	27.9 AT 16:00 EST ON FEB 11	26.6 ON APR 12	0.374B ON FEB 07	88 600	1965
1966	10.5 AT 17:30 EST ON DEC 08	9.85 ON MAR 20	0.232 ON OCT 07	57 300	1966
1967	38.8 AT 01:00 EST ON APR 04	29.4 ON APR 04	0.464 ON SEP 16	89 600	1967
1968	23.4 AT 10:00 EST ON AUG 24	21.0 ON AUG 24	0.549 ON JUL 31	88 700	1968
1969	18.9 AT 17:15 EST ON APR 19	17.4 ON APR 06	0.328 ON SEP 14	79 700	1969
1970	15.3 AT 19:01 EST ON APR 09	13.7 ON APR 10	0.433 ON AUG 08	60 500	1970
1971	16.9 AT 13:52 EST ON APR 14	16.5 ON APR 14	0.473 ON AUG 07	70 300	1971
1972	38.2 AT 10:10 EST ON APR 18	32.1 ON APR 18	0.524 ON SEP 16	86 400	1972
1973	30.0 AT 20:07 EST ON MAR 12	26.0 ON MAR 12	0.289 ON SEP 11	91 700	1973
1974	43.3 AT 04:17 EST ON MAY 18	34.8 ON MAY 18	0.493 ON AUG 17	89 500	1974
1975	47.6 AT 04:45 EST ON APR 20 *	39.9 ON APR 20	0.396 ON AUG 23	72 500	1975
1976	34.3 AT 19:37 EST ON MAR 21	29.4 ON MAR 22	0.665 ON AUG 27	103 000	1976
1977	45.3 AT 04:40 EST ON MAR 14	40.8 ON MAR 14	0.394 ON JUL 29	84 700	1977
1978	24.9 AT 16:46 EST ON APR 12	23.9 ON APR 12	0.447 ON AUG 13	85 600	1978
1979	36.3 AT 05:26 EST ON APR 15	33.1 ON APR 15	0.573 ON SEP 23	99 700	1979
1980	40.9 AT 05:00 EST ON MAR 22	37.5 ON MAR 22	0.503 ON AUG 29	73 300	1980
1981	19.9 AT 11:03 EST ON FEB 21	19.2 ON FEB 21	0.575 ON JUL 02	72 900	1981
1982	46.6 AT 01:43 EST ON APR 02	37.0 ON APR 01	0.736 ON AUG 19	98 600	1982
1983	12.4 AT 07:10 EST ON MAY 04	11.9 ON MAY 04	0.663 ON JUL 19	81 200	1983
1984	12.2 AT 06:46 EST ON APR 07	11.8 ON APR 07	0.493 ON AUG 28	77 700	1984
1985	32.5 AT 23:05 EST ON APR 06	28.7 ON APR 06	0.575 ON AUG 07	121 000	1985
1986	43.2 AT 07:10 EST ON SEP 12	40.9 ON SEP 12 *	0.970E ON JUL 16	128 000	1986
1987	24.4 AT 06:00 EST ON APR 07	23.0 ON APR 07	0.485 ON SEP 07	70 900	1987
1988	19.2 AT 05:28 EST ON MAR 27	18.0 B ON MAR 27	0.291 ON JUL 10	55 600	1988
1989	17.9 AT 10:12 EST ON MAR 29	17.2 ON MAR 29	0.328 ON AUG 31	50 800	1989
1990	---	30.0 A ON MAR 14	0.439 ON AUG 10	75 700	1990
				80 300	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX) B - ICE CONDITIONS E - ESTIMATED * - EXTREME RECORDED FOR THE PERIOD OF RECORD

ETOBICOKE CREEK AT BRAMPTON - STATION NO. 02HC017

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1957	---	---	---	---	---	---	---	---	---	---	---	0.600	---	1957
1958	0.090	0.473	1.20	---	---	---	---	---	---	0.024	0.080	0.071	---	1958
1959	0.107	---	---	---	---	---	---	---	---	---	---	---	---	1959
1960	---	---	0.937	2.55	---	---	---	---	---	---	---	---	---	1960
1961	---	---	1.32	0.505	---	---	---	---	---	---	---	---	---	1961
1962	---	---	---	0.146	---	---	---	---	---	---	---	---	---	1962
1963	---	---	---	0.169	---	---	---	---	---	---	---	---	---	1963
1964	---	---	---	0.666	---	---	---	---	---	---	---	---	---	1964
1965	---	---	---	2.10	---	---	---	---	---	---	---	---	---	1965
1966	---	---	1.81	0.218	---	---	---	---	---	0.006	0.063	0.733	---	1966
1967	0.270	0.112	1.62	1.31	0.099	0.781	0.459	0.122	0.046	0.214	0.160	0.912	0.527	1967
1968	0.090	1.29	2.25	0.226	0.148	0.114	0.049	0.303	0.174	0.090	0.887	0.556	0.512	1968
1969	0.438	0.472	2.28	2.11	0.556	0.067	0.138	0.082	0.013	0.050	0.104	0.063	0.531	1969
1970	0.044	0.091	1.74	1.25	0.125	0.026	0.201	0.066	0.076	0.129	0.351	0.540	0.389	1970
1971	0.131	0.184	1.46	2.33	0.070	0.052	0.051	0.042	0.024	0.023	0.033	0.183	0.375	1971
1972	0.219	0.040	0.446	4.81	0.127	0.195	0.204	0.153	0.107	0.185	0.480	0.749	0.638	1972
1973	1.22	0.810	1.34	0.830	0.287	0.126	0.085	0.091	0.098	0.176	0.127	0.349	0.647	1973
1974	1.05	0.563	2.41	1.42	1.29	0.150	0.120	0.099	0.092	0.121	0.197	0.148	0.641	1974
1975	0.306	1.98	1.47	1.08	0.345	0.136	0.143	0.156	0.147	0.100	0.141	0.156	0.500	1975
1976	0.200	2.25	2.24	0.819	0.536	0.149	0.160	0.142	0.318	0.277	0.232	0.137	0.615	1976
1977	0.085	0.492	2.50	0.599	0.111	0.151	0.142	0.284	0.437	0.982	0.713	0.974	0.626	1977
1978	0.264	0.116	2.51	3.42	---	---	---	---	---	0.244	0.302	0.282	---	1978
1979	0.348	0.099	3.59	1.94	0.567	0.156	0.105	0.193	0.149	0.199	0.435	1.39	0.770	1979
1980	0.412	0.121	1.48	1.66	0.285	0.218	0.299	0.134	0.128	0.196	0.146	0.339	0.452	1980
1981	0.053	2.53	0.273	0.247	0.199	0.135	0.268	0.254	0.407	0.870	0.752	0.260	0.483	1981
1982	0.276	0.551	1.99	1.29	0.151	0.652	0.122	0.207	0.281	0.191	0.880	1.86	0.844	1982
1983	0.443	0.915	1.06	1.42	1.05	0.162	0.113	0.232	0.154	0.305	0.465	0.628	0.575	1983
1984	0.108	2.65	1.64	1.08	0.356	0.205	0.135	0.163	0.222	0.106	0.327	0.728	0.614	1984
1985	0.209	1.62	3.32	1.43	0.209	0.189	0.192	0.640	0.346	0.285	1.96	0.657	0.916	1985
1986	0.448	0.191	2.52	0.507	0.457	0.216	0.227	0.729	3.43	0.984	0.435	0.818	0.916	1986
1987	0.404	0.155	2.09	1.51	0.105	0.107	0.207	0.099	0.236	0.197	0.492	0.895	0.544	1987
1988	0.411	0.521	1.01	0.604	0.178	0.095	0.196	0.131	0.292	0.229	0.426	0.190	0.371	1988
1989	0.625	0.159	1.04	0.480	0.362	0.543	0.094	0.193	0.119	0.189	0.450	0.077	0.362	1989
1990	1.70	1.15	1.74	0.372	0.575	0.245	0.193	0.298	0.125	0.455	0.353	1.70	0.745	1990
MEAN	0.383	0.756	1.90	1.26	0.356	0.212	0.170	0.209	0.323	0.263	0.438	0.600	0.592	MEAN

LOCATION - LAT 43 41 29 N DRAINAGE AREA, 63.2 km²
LONG 079 45 35 W REGULATED

ETOBICOKE CREEK AT BRAMPTON - STATION NO. 02HC017

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1957	---	---	---	---	1957
1958	---	---	---	---	1958
1959	---	---	---	---	1959
1960	---	---	---	---	1960
1961	---	---	---	---	1961
1962	---	---	---	---	1962
1963	---	---	---	---	1963
1964	---	---	---	---	1964
1965	---	---	---	---	1965
1966	---	---	---	---	1966
1967	---	12.5 ON DEC 22	0.008 ON SEP 13	16 600	1967
1968	---	14.4 ON FEB 02	0.009B ON MAR 07	16 200	1968
1969	---	22.5 ON APR 18	0.002 ON JUL 19	16 700	1969
1970	---	6.94 ON APR 03	0 ON JUN 14 *	12 300	1970
1971	19.5 AT 13:38 EST ON APR 02	18.2 ON APR 02	0.013 ON AUG 08	11 800	1971
1972	37.1 AT 21:31 EST ON APR 11	26.2 ON APR 13	0.024 ON FEB 25	20 200	1972
1973	29.2 AT 21:30 EST ON MAR 11	10.3 ON MAR 12	0.045 ON JUL 23	20 400	1973
1974	52.7 AT 02:44 EST ON MAY 17	25.7 ON MAR 05	0.045 ON JUN 12	20 200	1974
1975	42.5E AT 22:20 EST ON FEB 24	27.9 E ON FEB 24	0.048 ON AUG 12	15 800	1975
1976	28.9 AT 16:40 EST ON MAR 20	23.4 ON MAR 20	0.015 ON JUL 23	19 500	1976
1977	23.0 AT 16:00 EST ON MAR 13	13.0 ON MAR 13	0.003 ON JUN 12	19 700	1977
1978	45.0 AT 20:00 EST ON APR 01	22.8 ON APR 01	---	---	1978
1979	31.1 AT 09:52 EST ON MAR 14	19.5 ON APR 14	0.048 ON AUG 21	24 300	1979
1980	31.5 AT 01:02 EST ON APR 15	16.3 ON MAR 21	0.075B ON FEB 03	14 300	1980
1981	18.5 AT 21:00 EST ON FEB 18	15.6 ON FEB 18	0.030B ON FEB 10	15 200	1981
1982	29.7 AT 07:56 EST ON MAR 31	24.1 ON MAR 31	0.067 ON JUL 25	26 600	1982
1983	18.4 AT 13:39 EST ON APR 10	10.6 ON FEB 03	0.050 ON JUL 16	18 100	1983
1984	---	10.0 B ON FEB 14	0.041B ON JAN 22	20 100	1984
1985	28.4 AT 23:20 EST ON FEB 24	13.1 ON FEB 25 *	0.043B ON FEB 09	28 900	1985
1986	55.7 AT 06:51 EST ON SEP 11 *	28.2 ON SEP 11 *	0.089 ON AUG 04	28 900	1986
1987	34.1 AT 00:24 EST ON MAR 08	18.8 ON MAR 08	0.024 ON AUG 24	17 200	1987
1988	10.6 AT 16:52 EST ON JUL 30	6.00 ON APR 04	0.010 ON JUL 10	11 800	1988
1989	15.7 AT 00:16 EST ON MAR 26	6.42 ON MAR 26	0.038B ON MAR 14	11 400	1989
1990	25.2 AT 00:23 EST ON DEC 30	18.1 ON MAR 12	0.029 ON AUG 10	23 500	1990
				18 700	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

ETOBICOKE CREEK BELOW QUEEN ELIZABETH HIGHWAY - STATION NO. 02HC030

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1966	---	---	---	---	---	---	---	---	---	0.310	1.20	2.71	---	1966
1967	1.01	0.965	5.29	4.33	0.690	1.98	1.39	0.601	0.521	1.04	1.12	2.36	1.78	1967
1968	0.636	5.53	6.60	0.996	1.11	0.682	0.513	2.24	1.15	0.676	4.16	2.28	2.20	1968
1969	3.21	1.05	5.70	4.41	2.05	0.500	1.70	1.18	0.320	0.529	1.06	0.620	1.87	1969
1970	0.568	1.25	4.50	3.71	1.01	0.475	0.947	1.69	1.08	0.981	1.45	2.31	1.67	1970
1971	1.46	2.61	6.31	4.43	0.669	0.913	0.885	1.12	0.565	0.582	0.574	1.46	1.79	1971
1972	1.50	1.50	4.98	12.1	0.499	0.985	1.06	0.724	0.563	1.21	2.40	3.25	2.56	1972
1973	3.11	2.25	9.09	3.43	1.61	0.748	0.571	0.493	0.533	1.27	2.56	1.97	2.31	1973
1974	3.22	1.43	4.60	3.57	5.68	1.78	0.641	0.247	0.411	0.343	1.03	0.671	1.98	1974
1975	1.48	5.02	3.65	3.04	1.59	0.670	0.325	1.10	0.745	0.703	0.778	0.973	1.65	1975
1976	0.533	6.12	6.87	2.79	2.48	0.819	0.957	0.671	0.879	0.713	0.388	0.474	1.96	1976
1977	0.279	1.79	4.87	2.19	0.422	0.883	0.949	1.19	2.88	2.95	2.76	6.11	2.28	1977
1978	0.871	0.440	6.38	5.32	1.98	0.527	0.476	0.695	2.26	0.692	1.01	1.24	1.93	1978
1979	1.79	0.742	9.54	6.00	2.45	0.885	0.750	1.33	0.841	1.14	2.27	5.54	2.79	1979
1980	1.63	0.281	4.26	5.91	1.26	1.33	2.37	0.690	0.628	1.38	0.683	1.58	1.84	1980
1981	0.204	4.58	0.870	1.05	1.08	0.899	1.28	2.25	2.56	4.05	2.63	1.04	1.85	1981
1982	1.45	0.547	10.7	2.54	0.924	3.20	0.746	1.79	2.69	1.28	4.27	5.77	3.09	1982
1983	1.72	3.02	3.95	4.70	3.58	0.836	0.487	1.13	0.917	1.26	2.82	3.06	2.28	1983
1984	0.468	7.73	5.66	3.07	2.31	1.06	0.967	0.923	1.42	0.571	1.69	2.08	2.31	1984
1985	0.802	5.42	9.82	3.92	1.24	0.817	1.00	3.21	1.81	1.33	7.62	2.08	3.23	1985
1986	1.53	0.975	10.8	2.13	2.03	1.47	1.92	4.35	11.1	3.23	1.76	4.26	3.81	1986
1987	1.20	0.551	5.19	5.21	0.787	1.52	2.39	1.03	0.811	0.977	1.62	3.13	2.04	1987
1988	1.03	1.69	3.06	2.00	0.860	0.564	1.44	0.756	1.62	1.41	2.09	1.24	1.48	1988
1989	1.61	0.716	1.91	1.69	1.60	2.54	0.688	1.06	0.829	1.62	2.58	0.403	1.44	1989
1990	2.54	3.64	4.36	1.81	2.31	1.13	1.21	2.00	0.858	2.34	1.34	5.28	2.40	1990
MEAN	1.41	2.49	5.79	3.81	1.68	1.13	1.07	1.35	1.58	1.30	2.08	2.48	2.19	MEAN

LOCATION - LAT 43 36 02 N LONG 079 33 24 W DRAINAGE AREA, 204 km² NATURAL FLOW

ETOBICOKE CREEK BELOW QUEEN ELIZABETH HIGHWAY - STATION NO. 02HC030

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1966	---	---	---	---	1966
1967	74.2 AT 12:00 EST ON APR 03	36.8 ON APR 03	0.153 ON JUN 05	56 100	1967
1968	157 AT 02:00 EST ON AUG 06	94.9A ON FEB 02 *	0.181 ON JUL 29	69 600	1968
1969	97.1 AT 22:50 EST ON APR 18	43.3 ON APR 18	0.161 ON JUL 21	59 000	1969
1970	56.6 AT 22:58 EST ON AUG 30	18.4 ON APR 03	0.255E ON AUG 11	52 600	1970
1971	84.4 AT 19:43 EST ON MAR 15	38.2 ON APR 02	0.238 ON AUG 04	56 500	1971
1972	58.3 AT 20:01 EST ON APR 13	45.9 ON APR 13	0.125 ON MAY 28	81 000	1972
1973	---	35.7 ON MAR 12	0.108 ON SEP 10 *	72 800	1973
1974	163 AT 01:39 EST ON MAY 17 *	79.6 ON MAY 17	0.170 ON AUG 20	62 300	1974
1975	---	65.1E ON FEB 24	0.150 ON JUL 01	52 000	1975
1976	56.1 AT 19:26 EST ON MAR 05	39.9 ON MAR 20	0.161 ON AUG 23	62 000	1976
1977	71.4 AT 02:13 EST ON SEP 25	28.6 ON MAR 13	0.150 ON JUN 13	71 800	1977
1978	45.6 AT 04:15 EST ON SEP 12	28.1 ON MAR 23	0.142 ON JUL 17	57 700	1978
1979	97.3 AT 17:21 EST ON DEC 25	72.6 ON DEC 25	0.223 ON JUL 08	88 000	1979
1980	97.4 AT 22:09 EST ON APR 14	51.7 ON MAR 21	0.200B ON FEB 03	58 100	1980
1981	94.8 AT 20:23 EST ON AUG 04	29.0E ON FEB 17	0.160B ON JAN 22	58 400	1981
1982	74.1 AT 17:08 EST ON MAR 13	43.5 ON MAR 31	0.242B ON JAN 27	97 500	1982
1983	54.4 AT 19:13 EST ON MAY 02	29.7 ON FEB 03	0.223 ON SEP 12	72 000	1983
1984	99.7 AT 08:34 EST ON FEB 14	66.0E ON FEB 14	0.259 ON JUL 30	72 900	1984
1985	57.3 AT 09:31 EST ON AUG 26	42.3 ON MAR 12	0.301 ON AUG 04	102 000	1985
1986	161 AT 04:16 EST ON AUG 27	80.6 ON SEP 11	0.337 ON JUL 11	120 000	1986
1987	87.7 AT 01:34 EST ON JUL 20	36.8 ON APR 05	0.196 ON AUG 24	64 500	1987
1988	34.5 AT 01:31 EST ON SEP 04	14.3 ON SEP 04	0.175E ON JUL 10	46 700	1988
1989	97.7 AT 05:50 EST ON JUN 02	20.8 ON JUN 02	0.263 ON OCT 09	45 400	1989
1990	62.2 AT 13:03 EST ON DEC 29	41.2 ON MAR 12	0.259 ON SEP 03	75 800	1990
				68 900	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX) B - ICE CONDITIONS E - ESTIMATED * - EXTREME RECORDED FOR THE PERIOD OF RECORD

ETOBICOKE CREEK NEAR SUMMERVILLE - STATION NO. 02HC002

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1945	---	---	---	---	---	---	---	---	---	2.15	0.932	---	---	1945
1946	---	---	4.86	0.244	0.354	0.224	0.085	0.057	0.113	0.196	0.331	---	---	1946
1947	---	---	---	6.59	1.06	3.53	0.703	0.208	0.112	0.201	0.182	0.397	---	1947
1948	0.085	---	14.1	1.13	1.02	0.313	0.303	0.057	0.208	0.164	0.630	0.280	---	1948
1949	4.47	3.77	5.14	0.757	0.177	0.088	0.135	0.032	0.189	0.151	0.164	1.56	1.38	1949
1950	2.82	0.538	9.36	4.60	0.163	0.154	0.178	0.104	0.089	0.522	0.742	1.70	1.76	1950
1951	1.70	3.17	5.77	3.47	0.183	0.105	0.095	0.004	0.040	0.076	2.16	0.195	1.56	1951
1952	2.97	3.82	8.33	4.39	0.335	0.047	0.015	0.040	0.035	0.037	0.357	0.168	1.71	1952
1953	1.06	1.09	2.64	0.280	0.201	0.520	0.056	0.070	0.043	0.065	0.095	0.163	0.761	1953
1954	0.613	6.69	6.09	3.58	0.287	0.160	0.015	0.039	0.080	---	---	---	---	1954
1955	---	3.76	6.23	3.26	0.316	0.145	0.032	0.672	0.052	0.126	0.544	0.654	---	1955
1956	0.599	0.567	7.99	4.96	5.61	0.171	0.884	0.375	0.296	0.145	0.177	1.05	1.92	1956
1957	1.83	4.38	2.98	3.36	0.681	1.23	0.226	0.049	0.216	0.279	0.513	1.30	1.40	1957
1958	0.151	1.01	2.96	0.571	0.193	0.054	0.087	0.037	0.136	0.080	0.185	0.097	0.462	1958
1959	0.292	0.384	1.49	5.52	0.395	0.212	0.151	0.029	0.065	0.204	0.215	0.883	0.815	1959
1960	0.954	0.910	2.75	6.84	3.88	0.271	0.318	0.104	0.081	0.129	0.132	0.106	1.37	1960
1961	0.037	3.05	2.36	1.77	0.810	0.241	0.157	0.187	0.200	0.154	0.138	0.140	0.753	1961
1962	0.152	0.186	4.80	0.430	0.153	0.155	0.290	0.246	0.378	---	---	---	---	1962
MEAN	1.27	2.38	5.49	3.16	1.10	0.448	0.219	0.136	0.137	0.294	0.469	0.621	1.26	MEAN

LOCATION - LAT 43 37 36 N LONG 079 33 51 W DRAINAGE AREA, 166 km² NATURAL FLOW

ETOBICOKE CREEK NEAR SUMMERVILLE - STATION NO. 02HC002

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1945	---	---	---	---	1945
1946	---	41.6 ON MAR 07	0 ON OCT 06 *	---	1946
1947	---	63.4 ON MAR 25	0.028 ON AUG 18	---	1947
1948	---	87.2E ON MAR 16	0 ON SEP 05	---	1948
1949	---	87.2E ON MAR 22	0 ON AUG 01	43 500	1949
1950	---	93.4E ON MAR 27 *	0 ON JUL 29	55 500	1950
1951	---	53.5 ON NOV 14	0 ON JUL 25	49 300	1951
1952	---	59.5 ON MAR 11	0 ON JUL 05	54 000	1952
1953	---	48.1 ON MAR 04	0 ON JUL 16	24 000	1953
1954	---	---	---	---	1954
1955	---	---	---	---	1955
1956	204 AT 02:00 EST ON MAR 07 *	77.9E ON MAY 12	0.057E ON JUL 19	60 600	1956
1957	---	64.3 ON FEB 26	0 ON AUG 13	44 000	1957
1958	---	19.1 ON FEB 28	0 ON AUG 01	14 600	1958
1959	47.5 ON MAR 31	37.9 ON APR 02	0.014 ON JUL 28	25 700	1959
1960	---	32.8 ON APR 04	0.037 ON AUG 31	43 300	1960
1961	63.1 ON FEB 23	27.9 ON FEB 23	0.028B ON JAN 11	23 800	1961
1962	---	17.0B ON MAR 15	---	---	1962
MEAN				39 800	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

EYE RIVER NEAR COULSON LAKE NORTH OF ATIKOKAN - STATION NO. 05PB022

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1985	0.092	0.058	0.057	1.54	0.892	0.829	0.343	0.308	1.27	0.815	0.188	0.130	0.543	1985
1986	0.076	0.064	0.076	1.24	0.655	0.101	0.252	0.043	0.107	0.148	0.187	0.118	0.255	1986
1987	0.067	0.056	0.117	0.267	0.303	0.265	0.073	0.625	0.237	0.141	0.199	0.118	0.206	1987
1988	0.052	0.028	0.026	0.637	0.356	0.173	0.043	0.927	0.427	0.197	0.239	0.142	0.271	1988
1989	0.096	0.069	0.053	1.03	0.617	0.245	0.347	0.086	0.275	0.179	0.135	0.093	0.269	1989
1990	0.073	0.065	0.256	1.05	0.589	0.583	0.159	0.033	0.025	0.150	0.105	0.122	0.267	1990
MEAN	0.076	0.057	0.098	0.961	0.569	0.366	0.203	0.337	0.390	0.272	0.176	0.121	0.302	MEAN

LOCATION - LAT 48 53 40 N LONG 091 40 03 W DRAINAGE AREA, 27.9 km² NATURAL FLOW

EYE RIVER NEAR COULSON LAKE NORTH OF ATIKOKAN - STATION NO. 05PB022

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1985	12.0 AT 05:42 CST ON APR 24 *	11.1 ON APR 24 *	0.052B ON MAR 01	17 100	1985
1986	2.37 AT 15:20 CST ON APR 09	2.28 ON APR 09	0.024 ON AUG 19	8 050	1986
1987	2.52 AT 02:30 CST ON AUG 18	2.49 ON AUG 18	0.036 ON JUL 07	6 510	1987
1988	4.09 AT 04:13 CST ON AUG 24	3.83 ON AUG 24	0.022 ON JUL 28	8 570	1988
1989	4.59 AT 15:10 CST ON APR 26	4.38 ON APR 26	0.043 ON MAR 22	8 480	1989
1990	5.76E AT 20:48 CST ON APR 29	4.93E ON APR 29	0.004 ON SEP 09 *	8 420	1990
MEAN				9 520	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

EYE RIVER NEAR HARDTACK LAKE NORTH OF ATIKOKAN - STATION NO. 05PB021

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1985	0.057	0.050	0.057	1.19	0.766	0.808	0.205	0.241	0.926	0.482	0.141	0.081	0.416	1985
1986	0.057	0.037	0.041	0.997	0.510	0.059	0.202	0.031	0.127	0.157	0.151	0.075	0.204	1986
1987	0.038	0.025	0.085	0.164	0.209	0.160	0.059	0.468	0.237	0.133	0.145	0.084R	0.151R	1987
1988	0.050	0.027	0.026	0.527	0.251	0.076	0.030	0.693	0.463	0.131	0.170	0.123	0.214	1988
1989	0.088	0.059	0.030	0.986	0.468	0.164	0.152	0.055	0.164	0.134	0.094	0.064	0.203	1989
1990	0.043	0.040	0.189	0.861	0.369	0.499	0.121	0.022	0.013	0.075	0.068	0.075	0.197	1990
MEAN	0.056	0.040	0.071	0.784	0.429	0.294	0.128	0.252	0.322	0.185	0.128	0.084R	0.231R	MEAN

LOCATION - LAT 48 55 30 N
LONG 091 39 44 W
DRAINAGE AREA, 19.8 km²
NATURAL FLOW

R - REVISED SINCE JAN 01 1989

EYE RIVER NEAR HARDTACK LAKE NORTH OF ATIKOKAN - STATION NO. 05PB021

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1985	10.9 E AT 13:30 CST ON APR 23 *	7.19 ON SEP 20 *	0.001 ON SEP 15 *	13 100	1985
1986	2.00 AT 17:35 CST ON APR 08	1.82 ON APR 08	0.015 ON AUG 19	6 430	1986
1987	2.11 AT 13:55 CST ON AUG 17	2.03 ON AUG 17	0.021B ON MAR 02	4 770	1987
1988	3.76 AT 08:10 CST ON AUG 23	3.35 ON AUG 23	0.015 ON JUL 28	6 770	1988
1989	4.25 AT 03:41 CST ON APR 26	3.86 ON APR 26	0.017 ON JUL 25	6 400	1989
1990	4.47E AT 06:12 CST ON APR 29	4.13E ON APR 29	0.004 ON SEP 10	6 230	1990
				7 280	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

FAIRCHILD CREEK NEAR BRANTFORD - STATION NO. 02GB007

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1964	---	---	---	---	---	---	---	---	---	---	---	2.01	---	1964
1965	2.29	11.1	8.77	13.3	1.62	0.378	0.197	0.246	0.292	1.43	3.15	4.21	3.86	1965
1966	2.20	3.98	9.86	3.64	2.01	1.33	0.205	0.203	0.522	0.330	0.650	2.23	2.49	1966
1967	3.64	1.95	8.43	8.62	2.21	3.69	1.99	1.08	0.577	1.42	2.43	6.19	3.58	1967
1968	1.29	11.3	9.07	3.19	1.61	1.60	0.516	1.48	1.79	2.05	5.23	4.36	3.60	1968
1969	6.90	4.78	6.91	11.0	5.35	1.08	0.683	0.514	0.235	0.486	1.02	0.990	3.32	1969
1970	0.568	1.25	6.22	6.21	2.05	0.368	0.714	0.382	0.592	1.30	2.37	3.33	2.12	1970
1971	1.57	3.98	13.6	6.62	1.11	0.597	0.351	0.385	0.241	0.343	0.349	1.47	2.55	1971
1972	2.11	0.802	11.3	3.24	3.40	1.21	0.975	3.44	0.429	1.41	3.93	4.43	3.75	1972
1973	4.17	3.42	19.7	7.29	3.03	1.13	0.466	0.425	0.362	0.666	3.37	3.90	4.01	1973
1974	10.9	5.89	9.06	7.24	8.68	3.04	0.815	0.360	0.393	0.424	0.941	1.24	4.08	1974
1975	2.40	6.06	9.80	6.31	1.64	0.909	0.831	0.863	2.43	1.45	3.21	3.99	3.30	1975
1976	2.12	13.3	15.9	6.71	6.75	1.52	1.10	0.676	1.47	1.17	1.20	0.830	4.37	1976
1977	0.412	1.30	14.9	7.30	1.31	1.45	1.76	0.582	4.33	5.24	3.25	11.1	4.44	1977
1978	2.05	1.50	12.6	11.9	4.37	0.767	0.535	0.526	1.05	0.935	1.36	2.24	3.33	1978
1979	1.88	1.43	14.5	14.5	3.06	0.910	0.502	0.663	0.402	0.748	3.45	8.85	4.26	1979
1980	3.79	0.672	7.74	11.4	4.04	1.37	0.981	0.818	0.810	1.61	1.39	2.18	3.07	1980
1981	0.530	9.38	3.05	3.81	2.00	0.844	0.587	0.730	3.88	4.88	3.21	2.13	2.82	1981
1982	1.38	0.802	9.93	11.8	2.26	3.31	0.720	2.02	1.98	2.06	5.26	11.7	4.46	1982
1983	1.37	8.27	7.22	7.55	6.77	2.09	0.943	1.54	0.524	0.983	1.82	4.76	3.80	1983
1984	0.943	15.5	9.50	7.19	2.94	5.08	1.17	0.952	1.43	0.721	2.57	4.70	4.34	1984
1985	4.42	8.95	20.3	9.31	1.38	1.45	1.17	1.09	0.828	1.59	12.2	4.00	5.51	1985
1986	3.40	1.98	11.4	4.24	2.91	1.35	2.46	1.53	2.84	6.73	4.55	9.05	4.40	1986
1987	3.51	1.75	6.31	10.4	1.09	1.47	1.84	1.30	0.580	0.747	2.28	6.73	3.17	1987
1988	1.45	2.42	7.53	4.96	1.59	0.382	0.585	0.450	0.740	1.36	4.30	2.31	2.34	1988
1989	2.74	1.61	5.34	4.76	1.32	2.56	0.344	0.300	0.435	0.580	3.01	0.974	1.99	1989
1990	7.57	9.95	9.48	4.37	4.69	1.30	1.04	1.16	0.947	2.58	3.48	9.00	4.61	1990
MEAN	2.98	5.13	10.3	7.89	3.04	1.58	0.903	0.912	1.14	1.66	3.12	4.51	3.60	MEAN

LOCATION - LAT 43 08 49 N
LONG 080 09 18 W
DRAINAGE AREA, 360 km²
NATURAL FLOW

FAIRCHILD CREEK NEAR BRANTFORD - STATION NO. 02GB007

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1964	---	---	---	---	1964
1965	---	72.2A ON FEB 11	0.023 ON AUG 01 *	122 000	1965
1966	---	30.6 ON MAR 06	0.040 ON AUG 31	78 500	1966
1967	---	31.7 ON APR 04	0.238 ON SEP 17	113 000	1967
1968	---	76.7A ON FEB 03 *	0.224 ON JUL 31	114 000	1968
1969	---	59.5B ON JAN 31	0.159 ON AUG 29	105 000	1969
1970	21.9 AT 03:35 EST ON APR 03	20.3 ON APR 03	0.215 ON JUL 07	66 800	1970
1971	38.5B AT 14:00 EST ON MAR 16	14.0B ON FEB 28	0.170 ON NOV 05	80 300	1971
1972	---	31.1B ON MAR 23	0.326 ON SEP 23	118 000	1972
1973	46.7 AT 19:30 EST ON MAR 06	43.3 ON MAR 15	0.269 ON SEP 14	126 000	1973
1974	68.8 AT 14:10 EST ON JAN 28	65.4 ON JAN 28	0.167 ON JUL 26	129 000	1974
1975	36.8 AT 00:37 EST ON FEB 26	36.0 ON FEB 25	0.286 ON AUG 19	104 000	1975
1976	44.5 AT 23:51 EST ON MAR 06	42.8 ON MAR 06	0.425 ON SEP 08	138 000	1976
1977	49.8B AT 13:45 EST ON MAR 11	46.4 ON MAR 14	0.323 ON JUL 28	140 000	1977
1978	---	49.6B ON MAR 24	0.354 ON SEP 07	105 000	1978
1979	72.7B AT 07:30 EST ON MAR 05 *	63.7 ON APR 15	0.260E ON SEP 12	134 000	1979
1980	56.1 AT 07:13 EST ON MAR 22	52.4 ON MAR 22	0.453 ON SEP 12	97 200	1980
1981	---	42.0B ON FEB 21	0.245 ON AUG 27	91 200	1981
1982	51.5 AT 17:01 EST ON APR 01	49.0 ON APR 01	0.383 ON SEP 15	141 000	1982
1983	36.4 AT 04:16 EST ON FEB 04	34.5 ON FEB 04	0.380 ON SEP 12	120 000	1983
1984	---	66.0B ON FEB 15	0.647 ON AUG 27	137 000	1984
1985	---	64.0B ON FEB 25	0.667 ON SEP 23	174 000	1985
1986	47.0B AT 18:19 EST ON MAR 19	42.7 ON MAR 20	1.12 ON JUL 08	139 000	1986
1987	54.1 AT 19:55 EST ON APR 06	48.8 ON APR 06	0.458 ON SEP 07	99 900	1987
1988	17.0 AT 16:16 EST ON MAR 27	16.7 ON MAR 27	0.272 ON JUL 10	73 900	1988
1989	16.0 AT 17:07 EST ON MAR 30	15.7 ON MAR 30	0.232 ON AUG 06	62 800	1989
1990	56.6 AT 04:42 EST ON DEC 31	52.1 ON DEC 31	0.531 ON AUG 12	145 000	1990
				114 000	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX) B - ICE CONDITIONS E - ESTIMATED * - EXTREME RECORDED FOR THE PERIOD OF RECORD

FAIRCHILD CREEK NEAR ONONDAGA - STATION NO. 02GB004

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1913	---	---	---	---	---	---	0.518	0.551	0.418	0.453	1.58	0.704	---	1913
1914	1.85	2.10	8.11	5.14	4.14	0.669	0.290	0.282	0.366	0.345	0.743	0.877	2.08	1914
1915	0.582	6.76	6.44	1.61	0.631	0.293	0.342	2.28	1.48	1.99	1.49	1.17	2.06	1915
1916	23.0	5.90	10.8	14.8	7.59	3.53	0.359	0.372	---	---	---	---	---	1916
MEAN	8.48	4.92	8.45	7.18	4.12	1.50	0.427	0.871	0.755	0.929	1.27	0.917	2.07	MEAN

LOCATION - LAT 43 06 36 N LONG 080 08 05 W DRAINAGE AREA, 298 km^2 NATURAL FLOW DATA CONTRIBUTED BY - ONTARIO HYDRO

FAIRCHILD CREEK NEAR ONONDAGA - STATION NO. 02GB004

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1913	---	---	---	---	1913
1914	---	40.8 ON MAY 07	0.113 ON JUL 28 *	65 600	1914
1915	---	21.3B ON FEB 25	0.198 ON JUN 29	64 900	1915
1916	---	67.7 ON MAR 30 *	---	---	1916
				65 300	MEAN

B - ICE CONDITIONS * - EXTREME RECORDED FOR THE PERIOD OF RECORD

FALL RIVER NEAR FALLBROOK - STATION NO. 02KF014

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1974	---	---	---	---	---	---	---	---	---	0.107	1.02	2.52	---	1974
1975	3.21	2.79	4.87	11.8	7.26	2.39	0.502	0.165	0.073	0.331	0.427	1.58	2.94	1975
1976	2.21	3.18	9.42	15.9	5.46	2.27	1.18	0.103	0.263	0.880	0.688	0.894	3.53	1976
1977	1.21	1.16	7.95	9.61	3.78	0.977	0.358	0.114	0.095	0.102	0.449	2.70	2.38	1977
1978	5.69	6.54	3.81	14.5	6.49	0.917	0.083	0.075	0.223	0.207	0.309	0.916	1.28	1978
1979	2.27	3.07	9.15	14.0	5.69	3.09	0.516	0.122	0.105	0.230	0.997	3.18	3.53	1979
1980	4.36	2.05	6.60	10.7	8.36	2.08	1.19	0.533	0.539	0.871	2.13	3.59	3.59	1980
1981	5.09	7.88	8.48	7.94	4.94	3.69	1.59	0.894	4.91	3.56	5.19	3.06	3.95	1981
1982	5.45	2.08	2.41	13.4	4.03	1.92	0.722	0.544	0.422	0.557	2.29	5.87	3.51	1982
1983	6.24	4.82	6.48	9.48	9.96	3.74	0.685	0.213	0.153	0.252	1.99	5.27	4.12	1983
1984	3.61	5.66	6.98	15.9	9.70	2.81	1.27	0.477	0.090	0.023	0.069	0.317	3.89	1984
1985	1.27	1.55	7.59	10.4	3.79	1.28	0.413	0.074	0.120	0.172	1.61	3.11	2.62	1985
1986	2.56	2.49	4.16	7.58	3.93	3.64	1.68	1.90	2.05	6.51	3.95	4.46	3.75	1986
1987	3.32	2.44	4.33	13.0	3.52	2.37	1.44	0.235	0.071	0.267	1.08	6.62	3.22	1987
1988	3.69	3.54	3.97	9.80	4.48	1.39	0.208	0.049	0.048	0.082	0.634	1.93	2.49	1988
1989	2.19	1.76	2.50	7.95	5.95	2.71	0.668	0.152	0.061	0.021	0.922	2.03	2.24	1989
1990	2.13	3.19	7.26	9.23	6.59	2.70	0.870	0.256	0.088	0.155	0.718	2.96	3.01	1990
MEAN	3.03	3.39	6.00	11.1	5.93	2.47	0.878	0.369	0.582	0.843	1.45	3.00	3.25	MEAN

LOCATION - LAT 44 57 01 N LONG 076 24 11 W DRAINAGE AREA, 277 km^2 REGULATED

FALL RIVER NEAR FALLBROOK - STATION NO. 02KF014

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1974	---	---	---	---	1974
1975	19.3 AT 10:17 EST ON APR 24	18.6 ON APR 25	0.023E ON OCT 04	92 900	1975
1976	26.8 AT 17:19 EST ON APR 02 *	26.6 ON APR 03 *	0.059A ON AUG 02	112 000	1976
1977	16.9 AT 17:43 EST ON MAR 16	16.5 ON MAR 17	0.074A ON SEP 09	75 100	1977
1978	20.7 AT 02:44 EST ON APR 23	20.5 ON APR 22	0.052E ON JUL 19	103 000	1978
1979	22.2 AT 05:57 EST ON APR 06	20.0 ON APR 06	0.083 ON SEP 28	111 000	1979
1980	20.4 AT 23:47 EST ON MAR 22	20.0 ON MAR 23	0.211 ON AUG 28	114 000	1980
1981	22.8 AT 08:23 EST ON FEB 25	22.6 ON FEB 25	0.508 ON AUG 08	124 000	1981
1982	20.3 AT 10:08 EST ON APR 29	18.3 ON APR 23	0.177 ON SEP 13	111 000	1982
1983	12.9 AT 02:44 EST ON MAY 10	12.7 ON MAY 10	0.144E ON SEP 20	130 000	1983
1984	21.0 AT 11:05 EST ON MAY 11	20.7 ON APR 09	0.002E ON NOV 10 *	123 000	1984
1985	15.6 AT 13:41 EST ON APR 06	13.5 ON APR 06	0.050A ON AUG 21	82 500	1985
1986	11.4 AT 13:44 EST ON APR 01	10.9 ON APR 01	1.13 ON JUL 25	116 000	1986
1987	20.2 AT 05:46 EST ON APR 08	19.8 ON APR 07	0.050E ON SEP 06	101 000	1987
1988	13.3 AT 22:26 EST ON APR 06	13.1 ON APR 05	0.041A ON AUG 31	78 700	1988
1989	11.1 AT 16:39 EST ON APR 09	10.8 ON APR 07	0.020E ON OCT 04	70 700	1989
1990	14.1 AT 23:55 EST ON MAR 22	12.9 ON MAR 19	0.072E ON SEP 27	94 900	1990
				103 000	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX) E - ESTIMATED * - EXTREME RECORDED FOR THE PERIOD OF RECORD

FAREWELL CREEK AT OSHAWA - STATION NO. 02HD014

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1980	---	---	---	---	---	---	0.480	0.157	0.208	0.499	0.491	0.537	---	1980
1981	0.151	2.21	0.633	0.458	0.297	0.152	0.121	0.117	0.391	0.635	0.565	0.260	0.486	1981
1982	0.300	0.126	2.38	2.15	0.251	1.32	0.283	0.195	0.152	0.140	0.697	0.705	0.726	1982
1983	0.807	1.36	1.33	1.21	1.13	0.225	0.100	0.097	0.086	0.170	0.665	0.849	0.665	1983
1984	0.150	3.03	1.77	4.95	0.744	0.184	0.131	0.180	0.293	0.222	0.413	0.593	1.04	1984
1985	0.248	1.31	2.48	1.73	0.394	0.141	---	---	---	---	---	---	---	1985
1986	---	---	---	---	0.240	0.187	0.134	0.758	1.60	0.642	0.450	1.03	---	1986
1987	0.411	0.287	1.44	0.866	0.145	0.185	0.148	0.098	0.265	0.192	0.805	1.19	0.505	1987
1988	0.502	0.976	1.16	1.02	0.320	0.188	0.092	0.063	0.153	0.100	0.585	0.533	0.409	1988
1989	0.740	0.297	0.670	0.925	0.986	0.475	0.078	0.070	0.214	0.419	1.26	0.307	0.537	1989
1990	0.602	2.16	2.11	1.62	0.816	0.209	0.237	0.160	0.241	0.358	0.334	1.51	0.855	1990
MEAN	0.435	1.31	1.55	1.66	0.532	0.326	0.180	0.190	0.360	0.358	0.627	0.751	0.663	MEAN

LOCATION - LAT 43 53 10 N, LONG 078 49 16 W DRAINAGE AREA, 58.5 km^2, NATURAL FLOW

REMARKS - STATION TEMPORARILY DISCONTINUED JUL 02 1985 TO APR 15 1986.

FAREWELL CREEK AT OSHAWA - STATION NO. 02HD014

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1980	---	---	---	---	1980
1981	---	12.5 B ON FEB 20	0.020 ON JUL 17	15 300	1981
1982	---	13.0 E ON APR 03	0.055 ON SEP 09	22 900	1982
1983	---	9.55 ON MAR 19	0.076 ON AUG 15	21 000	1983
1984	---	33.6 ON FEB 14 *	0.078 ON JUL 30	32 900	1984
1985	---	13.6 ON APR 02	---	---	1985
1986	---	---	---	---	1986
1987	---	6.50 ON APR 05	0.055 ON AUG 08	15 900	1987
1988	---	7.30 ON MAR 26	0.014 ON AUG 11	15 500	1988
1989	---	4.01 ON MAY 02	0.003 ON JUL 25 *	16 900	1989
1990	---	19.9 B ON MAR 12	0.052 ON OCT 03	27 000	1990
				20 900	MEAN

B - ICE CONDITIONS E - ESTIMATED * - EXTREME RECORDED FOR THE PERIOD OF RECORD

FARR CREEK AT NORTH COBALT - STATION NO. 02JE018

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1971	---	---	0.135	2.47	1.60	0.425	0.161	0.086	0.105	0.115	0.211	0.448	---	1971
1972	0.195	0.255	0.201	1.23	1.78	0.452	0.234	0.369	0.314	1.09	1.04	0.395	0.802	1972
1973	0.351	0.303	2.26	1.52	1.76	1.08	0.208	0.176	0.130	0.362	0.477	0.410	0.838	1973
1974	0.198	0.153	0.450	3.28	2.05	0.860	0.619	0.194	0.200	0.659	0.681	0.497	0.820	1974
1975	0.386	0.229	0.279	2.03	2.21	0.713	0.125	0.116	0.054	0.091	0.084	0.319	0.555	1975
1976	0.172	0.128	1.25	2.55	1.69	0.443	0.087	0.062	0.209	0.220	0.206	0.189	0.601	1976
1977	0.176	0.173	0.856	1.63	0.213	0.189	0.090	0.131	0.163	0.292	0.310	0.369	0.382	1977
1978	0.181	0.128	0.119	1.26	2.18	0.459	0.161	0.087	0.203	0.363	0.263	0.262	0.474	1978
1979	0.209	0.164	0.836	4.20	2.17	0.756	0.482	0.214	0.249	0.735	0.711	0.437	0.930	1979
1980	0.297	0.140	0.352	4.03	1.48	0.252	0.117	0.088	0.161	0.553	0.492	0.245	0.682	1980
1981	0.166	0.759	0.902	3.70	0.955	0.646	0.260	0.059	0.129	0.407	0.574	0.460	0.746	1981
1982	0.259	0.218	0.239	2.71	1.09	0.251	0.099	0.049	0.160	0.400	0.480	0.536	0.540	1982
1983	0.337	0.165	0.736	2.65	2.85	0.743	0.167	0.230	0.140	0.319	---	---	---	1983
MEAN	0.244	0.235	0.663	2.64	1.85	0.559	0.218	0.143	0.171	0.431	0.461	0.381	0.670	MEAN

LOCATION - LAT 47 25 28 N, LONG 079 37 55 W DRAINAGE AREA, 62.9 km^2, NATURAL FLOW

REMARKS - DISCONTINUED NOV 23 1983

FARR CREEK AT NORTH COBALT - STATION NO. 02JE018

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1971	---	---	---	---	1971
1972	23.7 AT 14:37 EST ON MAY 03 *	16.3 ON MAY 03 *	0.108 ON JUL 08	25 400	1972
1973	---	4.33 ON MAY 04	0.004 ON JUL 06	26 400	1973
1974	7.42 AT 10:10 EST ON APR 29	7.31 ON APR 29	0.051 ON AUG 07	25 900	1974
1975	---	5.71E ON APR 26	0.014E ON SEP 03	17 500	1975
1976	---	5.24E ON MAR 28	0.008E ON AUG 29	19 000	1976
1977	---	3.09E ON APR 21	0.014E ON JUL 22	12 000	1977
1978	---	4.36E ON APR 29	0.042E ON AUG 19	14 900	1978
1979	---	12.8 E ON APR 27	0.152B ON FEB 24	29 300	1979
1980	7.87 AT 23:00 EST ON APR 10	7.45 ON APR 10	0.002 ON OCT 03	21 600	1980
1981	7.02 AT 09:21 EST ON APR 16	6.80 ON APR 06	0.024 ON AUG 28	23 500	1981
1982	5.86 AT 14:49 EST ON APR 17	5.37 ON APR 27	0 ON JUL 23 *	17 000	1982
1983	7.67 AT 22:08 EST ON MAY 02	7.49 ON MAY 03	0.031 ON JUL 22	---	1983
				21 100	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

FAWN RIVER BELOW BIG TROUT LAKE - STATION NO. 04CE002

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1967	---	---	---	---	---	---	---	---	---	23.7	21.0	19.4	---	1967
1968	17.8	16.8	15.6	15.7	19.6	21.5	23.0	29.2	47.7	53.0	54.1	44.2	29.9	1968
1969	37.2	34.5	30.1	27.3	32.5	34.2	34.9	31.9	30.7	51.5	49.4	44.9	36.6	1969
1970	39.0	33.7	29.9	27.0	37.5	59.4	83.7	73.7	60.2	65.1	65.1	59.0	52.9	1970
1971	49.3	40.2	34.5	34.3	57.3	64.4	59.1	55.0	45.3	43.9	56.7	53.0	49.5	1971
1972	38.6	28.9	24.7	24.7	42.3	55.0	46.5	39.9	34.1	37.9	36.9	30.5	36.7	1972
1973	27.1	26.2	26.0	26.1	36.1	54.3	63.5	60.3	58.8	52.7	52.3	51.0	44.7	1973
1974	42.5	36.1	31.8	29.0	31.1	64.3	75.4	62.9	56.7	51.9	45.0	38.4	47.2	1974
1975	32.3	27.3	24.3	23.8	36.3	55.3	62.2	88.8	84.6	68.9	58.4	46.4	50.9	1975
1976	38.6	32.9	28.4	27.2	39.2	51.6	55.4	53.9	41.7	30.4	25.0	21.0	37.2	1976
1977	20.0	19.9	19.7	19.9	26.1	37.1	25.5	26.8	28.5	28.7	27.0	24.7	24.5	1977
1978	22.6	21.7	21.2	21.4	24.6	32.6	41.9	42.7	36.5	34.9	37.2	33.2	30.9	1978
1979	29.3	26.7	25.7	26.0	28.3	36.1	33.9	31.3	30.2	32.4	34.5	31.5	30.5	1979
1980	29.3	27.2	25.5	24.0	28.4	30.3	29.4	28.2	29.3	41.8	42.0	35.1	30.9	1980
1981	31.3	28.6	27.0	25.1	26.1	36.5	40.9	42.1	44.5	57.7	54.8	46.4	38.6	1981
1982	38.8	34.9	31.4	29.1	45.2	66.8	77.6	79.6	73.1	63.1	54.9	46.1	53.5	1982
1983	38.7	33.5	29.7	28.0	33.6	---	---	---	---	---	---	---	---	1983
1984	35.0	31.3	27.1	27.7	38.7	46.8	47.3	39.9	32.0	36.0	34.6	30.3	35.6	1984
1985	27.2	25.0	23.5	23.0	45.6	80.7	102	81.3	64.5	68.2	59.8	46.6	54.1	1985
1986	35.8	30.6	28.2	30.3	40.1	55.1	49.6	44.9	50.3	52.4	46.1	39.1	42.4	1986
1987	34.1	30.6	28.8	27.8	34.9	35.2	33.5	30.7	30.9	31.5	32.6	30.2	31.7	1987
1988	24.1	22.0	21.4	24.1	29.9	34.1	33.4	27.5	23.6	24.1	23.5	21.3	25.2	1988
1989	18.3	17.3	17.0	17.5	24.2	32.8	32.3	25.6	23.7	24.6	24.8	23.3	23.5	1989
1990	22.5	20.9	20.8	20.4	27.8	40.3	36.0	28.6	23.8	23.1	21.6	20.1	25.5	1990
MEAN	31.7	28.1	25.8	25.1	34.3	46.1	49.4	46.6	43.3	43.4	41.6	36.3	37.8	MEAN

LOCATION - LAT 53 46 00 N DRAINAGE AREA, 4 350 km^2
LONG 089 33 00 W NATURAL FLOW

REMARKS - RECORDER INOPERATIVE MAR 29-DEC 31 1983

FAWN RIVER BELOW BIG TROUT LAKE - STATION NO. 04CE002

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1967	---	---	---	---	1967
1968	---	---	---	---	1968
1969	58.9 AT 16:30 EST ON OCT 18	58.6 ON OCT 28	14.7B ON APR 14 *	944 000	1969
		57.5 ON OCT 18	23.3 ON SEP 05	1 160 000	
1970	90.0 AT 14:37 EST ON JUL 18	88.3 ON JUL 17	26.3 ON APR 22	1 670 000	1970
1971	73.9 AT 13:41 EST ON MAY 29	71.6 ON MAY 29	25.8B ON APR 04	1 560 000	1971
1972	58.3 AT 19:43 EST ON JUN 02	56.9 ON JUN 17	23.8B ON APR 06	1 160 000	1972
1973	69.9 AT 14:27 EST ON SEP 06	68.8 ON SEP 06	25.4 ON APR 12	1 410 000	1973
1974	85.2 AT 14:12 EST ON JUN 30	84.4 ON JUN 30	28.3B ON APR 26	1 490 000	1974
1975	104 AT 03:42 EST ON AUG 26	101 ON AUG 26	23.5B ON APR 12	1 600 000	1975
1976	60.3 AT 17:51 EST ON JUL 05	58.6 ON JUL 03	20.0B ON DEC 31	1 170 000	1976
1977	33.4 AT 15:11 EST ON AUG 23	32.0 ON AUG 23	19.0 ON APR 14	773 000	1977
1978	51.8 AT 13:23 EST ON AUG 19	49.3 ON AUG 19	21.0B ON MAR 19	974 000	1978
1979	38.7 AT 18:53 EST ON JUN 15	38.2 ON JUN 16	25.3B ON MAR 15	962 000	1979
1980	48.1 AT 21:10 EST ON OCT 27	47.1 ON OCT 27	23.3 ON APR 18	977 000	1980
1981	64.3 AT 14:51 EST ON OCT 18	62.5 ON OCT 18	23.7 ON MAY 02	1 220 000	1981
1982	86.4 AT 18:26 EST ON SEP 04	84.4 ON AUG 27	28.6B ON APR 10	1 690 000	1982
1983	---	---	---	---	1983
1984	51.7 AT 16:16 EST ON JUN 30	50.6 ON JUN 24	26.4B ON MAR 27	1 130 000	1984
1985	111 AT 15:48 EST ON JUL 09 *	109 ON JUL 09 *	22.3 ON APR 20	1 710 000	1985
1986	63.9 AT 00:30 EST ON JUN 08	60.7 ON JUN 08	23.1 ON APR 17	1 350 000	1986
1987	39.3 AT 17:50 EST ON JUN 14	38.1 ON JUN 27	26.1 ON APR 10	1 000 000	1987
1988	---	36.1 ON JUN 10	19.1B ON DEC 31	799 000	1988
1989	36.3 AT 15:50 EST ON JUL 07	35.6 ON JUL 07	17.0B ON FEB 28	741 000	1989
1990	---	42.0E ON JUN 14	19.5B ON DEC 29	805 000	1990
				1 200 000	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

FIFTH CONCESSION DRAIN NEAR ESSEX (TEST) - STATION NO. 02GH013

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1989	---	0.005	0.025	0.063	0.048	0.099	0.032	0	0.002	0.001	0.005	0	---	1989
1990	0.053	0.173	0.035	0.050	0.038	0.011	0.001	0.020	0.185	0.075	0.022	0.219	0.073	1990
MEAN	0.053	0.089	0.030	0.057	0.043	0.055	0.017	0.010	0.094	0.038	0.014	0.110	0.073	MEAN

LOCATION - LAT 42 12 18 N LONG 082 47 12 W DRAINAGE AREA, 3.9 km² NATURAL FLOW

FIFTH CONCESSION DRAIN NEAR ESSEX (TEST) - STATION NO. 02GH013

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1989	3.68 AT 18:45 EST ON JUN 19	0.975 ON MAY 31	0B ON MAR 02 *	---	1989
1990	5.60 AT 03:20 EST ON SEP 07 *	2.63 ON SEP 07 *	0B ON JAN 01	2 290	1990
	B - ICE CONDITIONS	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		2 290	MEAN

FISH CREEK NEAR PROSPECT HILL - STATION NO. 02GD010

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1945	---	---	---	---	---	---	---	---	---	3.32	1.36	---	---	1945
1946	---	---	6.16	0.474	0.229	0.179	0.089	0.072	0.057	0.073	0.086	---	---	1946
1947	---	---	---	12.4	2.12	4.00	1.50	0.307	0.347	0.399	0.740	---	---	1947
1948	---	---	---	2.51	1.68	0.190	0.119	0.262	0.023	0.047	1.18	---	---	1948
1949	---	5.39	3.58	1.18	0.235	0.037	0.016	0.001	0.009	0.213	0.121	5.22	---	1949
1950	4.11	---	---	4.93	0.228	0.066	0.186	0.523	0.077	0.278	1.60	---	---	1950
1951	---	---	5.11	3.00	0.476	0.181	0.115	---	---	---	1.38	0.845	---	1951
1952	3.85	2.63	4.32	2.76	1.89	0.264	0.070	0.068	0.047	0.072	0.093	0.217	1.36	1952
1953	0.914	0.797	4.28	1.18	1.61	2.28	0.279	0.085	0.040	0.057	0.428	0.435	1.01	1953
1954	0.934	9.99	5.85	3.17	0.677	0.159	0.039	0.028	0.028	3.78	2.66	2.82	2.46	1954
1955	2.81	1.18	6.67	1.79	0.384	0.196	0.084	0.016	0.012	0.110	0.437	1.24	1.25	1955
1956	0.672	0.757	3.69	4.81	6.83	0.280	0.143	0.345	0.829	0.436	0.445	2.40	2.32	1956
1957	2.03	2.14	2.76	6.85	0.867	1.02	0.818	0.197	0.459	0.261	2.89	5.86	1.85	1957
1958	0.640	0.373	3.31	0.825	0.124	0.045	0.086	0.012	0.349	0.073	0.658	0.429	0.583	1958
1959	0.940	1.22	7.40	5.18	1.86	0.323	0.155	0.357	0.254	4.14	6.41	2.01	2.53	1959
1960	0.586	1.23	1.56	9.16	2.14	1.23	0.198	0.100	0.032	0.046	0.091	0.074	1.36	1960
1961	0.016	2.85	2.24	2.45	1.79	0.221	0.089	0.059	0.039	0.152	0.601	1.05	0.950	1961
1962	0.409	0.448	5.79	1.68	0.705	0.265	0.051	0.055	0.017	0.101	1.02	1.27	0.982	1962
1963	0.428	0.228	8.43	2.51	1.35	0.242	0.061	0.032	0.030	0.015	0.018	0.037	1.13	1963
1964	2.33	1.17	3.55	2.24	0.559	0.114	0.040	1.47	0.314	0.174	0.144	1.95	1.18	1964
1965	2.05	6.02	3.61	5.11	0.840	0.161	0.073	0.076	0.084	0.231	2.21	6.53	2.22	1965
1966	1.48	2.84	4.10	2.35	1.19	1.33	0.157	0.220	0.080	0.130	3.14	6.42	1.91	1966
1967	3.74	1.46	6.28	5.52	1.54	2.24	1.11	2.43	0.493	4.23	5.47	4.92	3.29	1967
1968	1.35	5.98	3.77	1.90	0.635	0.334	0.151	0.053	0.167	1.41	2.06	2.69	1.82	1968
1969	4.43	2.63	5.99	4.85	2.02	0.530	0.422	0.290	0.114	0.196	1.45	1.05	2.00	1969
1970	0.466	0.688	2.96	5.80	2.15	0.444	0.258	0.083	0.137	0.275	1.99	3.04	1.53	1970
1971	1.00	2.01	6.81	5.10	0.538	0.156	0.038	0.024	0.017	0.017	0.026	1.02	1.39	1971
1972	1.19	0.380	5.55	5.02	1.60	0.284	0.261	0.039	0.029	0.302	1.37	3.94	1.67	1972
1973	5.57	1.78	7.87	3.99	1.88	0.555	0.232	0.256	0.049	0.147	3.10	2.00	2.13	1973
1974	5.14	2.10	6.21	3.83	4.78	0.953	0.349	0.081	0.027	0.025	0.735	0.419	2.06	1974
1975	3.77	2.90	5.19	7.37	1.02	0.567	0.269	0.372	0.560	0.161	0.562	2.34	2.08	1975
1976	1.50	8.89	9.42	2.92	1.99	0.324	1.46	1.90	0.544	0.439	2.33	0.929	2.71	1976
1977	0.321	0.292	13.8	2.56	0.571	0.244	0.132	0.104	0.331	1.77	2.50	3.89	2.32	1977
1978	1.16	0.629	3.57	13.0	1.61	0.542	0.081	0.069	0.223	0.751	0.721	1.37	1.97	1978
1979	1.87	0.338	10.4	6.75	0.989	0.214	0.521	0.184	0.046	0.599	3.53	4.39	2.51	1979
1980	1.39	0.426	6.18	4.07	1.25	0.805	0.849	0.156	0.163	0.796	0.480	1.76	1.53	1980
1981	0.303	9.19	4.40	1.92	1.34	0.439	0.157	0.286	2.37	3.91	1.81	1.08	2.05	1981
1982	0.757	0.299	7.51	5.51	0.596	0.793	0.201	0.164	1.14	0.224	1.99	2.29	2.38	1982
1983	1.46	2.68	1.46	2.49	3.34	1.68	0.691	0.827	0.376	0.332	1.35	3.26	1.66	1983
1984	0.570	9.01	3.76	1.94	1.08	1.87	0.992	0.156	1.71	0.263	2.32	3.55	2.24	1984
1985	1.67	8.53	10.7	4.57	0.451	0.304	0.160	0.174	0.509	1.50	4.49	2.12	2.89	1985
1986	2.74	1.05	7.99	2.08	0.963	0.823	0.633	0.298	9.38	4.95	1.34	2.32	2.88	1986
1987	1.28	0.523	5.22	3.03	0.198	0.366	0.068	0.019	0.010	0.108	2.39	4.73	1.52	1987
1988	1.19	1.65	5.13	1.90	0.571	0.176	0.020	0.007	0.009	2.18	4.10	2.57	1.63	1988
1989	2.11	1.04	3.55	3.08	0.909	0.707	0.081	0.017	0.046	0.083	1.75	0.506	1.12	1989
1990	5.68	4.38	3.82	2.47	1.16	0.375	1.74	1.32	2.16	5.92	4.45	5.02	3.21	1990
MEAN	1.87	2.70	5.62	3.85	1.36	0.631	0.339	0.311	0.562	0.993	1.78	2.54	1.89	MEAN

LOCATION - LAT 43 13 14 N LONG 081 14 14 W DRAINAGE AREA, 150 km² NATURAL FLOW

FISH CREEK NEAR PROSPECT HILL - STATION NO. 02GD010

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1945	---	---	---	---	1945
1946	---	39.9 B ON MAR 07	0.028 ON SEP 21	---	1946
1947	---	96.3 ON APR 05	0.028 ON SEP 07	---	1947
1948	---	49.6 ON MAR 20	0 ON SEP 26 *	---	1948
1949	---	49.6 ON FEB 15	0 ON JUL 06	---	1949
1950	---	59.5 ON APR 04	0.028 ON JUN 25	---	1950
1951	---	---	---	---	1951
1952	---	28.9 ON MAR 11	0.028 ON JUL 02	42 900	1952
1953	---	21.4 ON MAR 04	0.028E ON SEP 12	31 900	1953
1954	---	86.1 ON FEB 16	0.028 ON JUL 13	77 600	1954
1955	---	37.4 ON MAR 11	0 ON JUL 30	39 500	1955
1956	---	48.4 ON MAR 07	0.028 ON JUL 28	73 400	1956
1957	---	32.6 ON DEC 20	0.113 ON OCT 10	58 300	1957
1958	---	7.02 ON MAR 23	0 ON JUL 19	18 400	1958
1959	---	34.3 ON OCT 07	0.054 ON AUG 25	79 600	1959
1960	---	48.7 ON APR 03	0.025 ON SEP 12	43 000	1960
1961	---	20.5 B ON FEB 24	0.011B ON JAN 01	29 900	1961
1962	---	14.3 B ON MAR 23	0.008 ON SEP 15	31 000	1962
1963	---	55.8 ON MAR 27	0 ON NOV 06	35 600	1963
1964	---	20.4 ON DEC 25	0 ON JUL 30	37 200	1964
1965	---	56.6 ON FEB 11	0 ON SEP 17	70 100	1965
1966	68.0 AT 11:30 EST ON DEC 07	60.0 ON DEC 07	0.023 ON SEP 20	60 400	1966
1967	60.0 AT 05:00 EST ON APR 03	44.7 ON OCT 18	0.119 ON SEP 20	104 000	1967
1968	86.9 AT 11:15 EST ON FEB 02	66.3 ON FEB 02	0.040 ON AUG 15	57 700	1968
1969	46.4 AT 22:30 EST ON JAN 30	33.7 ON JAN 31	0.065 ON SEP 14	62 900	1969
1970	34.8 AT 05:47 EST ON MAY 16	22.3 ON MAY 16	0.018 ON AUG 29	48 100	1970
1971	40.5 AT 05:00 EST ON APR 02	35.1 ON APR 02	0.002 ON OCT 05	43 900	1971
1972	43.3 AT 21:42 EST ON DEC 31	30.3 ON MAR 22	0.012 ON SEP 15	52 700	1972
1973	43.9 AT 19:07 EST ON MAR 11	30.0 ON JAN 01	0.016 ON SEP 16	67 100	1973
1974	72.8 AT 05:33 EST ON MAR 05	55.2 ON MAR 05	0.007 ON SEP 11	65 000	1974
1975	134 AT 09:18 EST ON APR 19	81.3 ON APR 19	0.051 ON AUG 10	65 600	1975
1976	---	41.9 E ON MAR 05	0.176 ON JUN 15	85 600	1976
1977	150 AT 08:27 EST ON MAR 13 *	128 ON MAR 13 *	0.018 ON SEP 12	73 090	1977
1978	51.5 AT 21:05 EST ON APR 07	40.8 ON APR 11	0.004 ON SEP 11	62 100	1978
1979	71.9 AT 07:57 EST ON APR 14	57.6 ON APR 14	0.014 ON SEP 12	79 000	1979
1980	60.6 AT 14:57 EST ON MAR 21	42.9 ON MAR 21	0.049 ON AUG 27	48 500	1980
1981	59.9 AT 16:00 EST ON FEB 23	48.3 ON FEB 23	0.019 ON AUG 27	64 600	1981
1982	69.0 AT 05:08 EST ON MAR 31	56.8 ON MAR 31	0.038 ON AUG 14	75 200	1982
1983	21.1 AT 00:17 EST ON DEC 13	16.2 ON DEC 13	0.098 ON SEP 13	55 200	1983
1984	70.8 AT 21:51 EST ON FEB 14	55.2 ON FEB 14	0.054 ON AUG 28	70 700	1984
1985	102 AT 23:50 EST ON FEB 24	72.6 ON FEB 25	0.012 ON AUG 20	91 000	1985
1986	100 AT 00:06 EST ON SEP 12	80.1 ON SEP 12	0.110 ON AUG 20	90 900	1986
1987	32.0 AT 23:40 EST ON MAR 08	24.0 ON MAR 09	0.007 ON SEP 25	47 900	1987
1988	19.2 AT 02:40 EST ON MAR 26	16.7 ON MAR 26	0.001 ON SEP 17	51 700	1988
1989	17.1 AT 05:39 EST ON MAR 29	14.8 ON MAR 29	0.006 ON SEP 20	35 400	1989
1990	39.8 AT 06:13 EST ON DEC 30	35.8 ON DEC 30	0.129 ON JUL 07	101 000	1990
				59 600	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

FISHERS CREEK NEAR FISHERS GLEN - STATION NO. 02GC023

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1970	0.136	0.134	0.151	0.147	0.112	0.111	0.115	0.102	0.110	0.122	0.131	0.124	0.124	1970
1971	0.120	0.140	0.143	0.133	0.130	0.126	0.112	0.117	0.129	0.129	0.126	0.127	0.128	1971
1972	0.139	0.136	0.229	0.141	0.132	0.119	0.116	0.134	0.134	0.148	0.136	0.147	0.143	1972
1973	0.134	0.136	0.185	0.161	0.153	0.146	0.130	0.127	0.134	0.172	0.163	0.149	0.149	1973
1974	0.156	0.152	0.192	0.179	0.191	0.177	0.149	0.140	0.150	0.158	0.172	0.159	0.165	1974
1975	0.155	0.159	0.175	0.154	0.146	0.141	0.121	0.131	0.146	0.129	0.131	0.141	0.144	1975
1976	0.135	0.188	0.236	0.193	0.174	---	---	---	---	---	---	---	---	1976
MEAN	0.139	0.151	0.187	0.158	0.148	0.137	0.124	0.125	0.134	0.143	0.143	0.141	0.142	MEAN

LOCATION - LAT 42 43 31 N LONG 080 19 03 W DRAINAGE AREA, 5.18 km^2 REGULATED

REMARKS - REGULATION BY PUMPING DURING SUMMER MONTHS

FISHERS CREEK NEAR FISHERS GLEN - STATION NO. 02GC023

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1970	0.861 AT 15:47 EST ON SEP 08	0.297 ON APR 02	0.093 ON AUG 07	3 920	1970
1971	0.671 AT 00:59 EST ON MAY 25	0.345 ON FEB 27	0.091 ON JUL 13 *	4 020	1971
1972	2.10 AT 10:27 EST ON MAR 02 *	1.05 ON MAR 02 *	0.102 ON JUN 20	4 520	1972
1973	0.640 AT 23:35 EST ON OCT 29	0.405 ON OCT 29	0.093 ON JUL 16	4 710	1973
1974	0.736 AT 08:21 EST ON JUN 21	0.394 ON FEB 22	0.119 ON SEP 02	5 220	1974
1975	0.688 AT 19:11 EST ON AUG 31	0.311 ON FEB 24	0.096 ON JUL 07	4 540	1975
1976	---	0.442E ON MAR 05	---	---	1976
				4 490	MEAN

E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

FOOTPRINT RIVER AT RAINY LAKE FALLS - STATION NO. 05PB004

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1914	---	---	---	---	---	---	---	---	---	6.75	2.61	2.86	---	1914
1915	3.30	3.24	2.91	2.39	12.5	19.4	15.0	8.63	3.83	2.19	2.27	2.35	6.51	1915
1916	2.35	2.35	2.60	6.49	30.3	30.0	16.8	9.18	6.00	3.76	---	---	---	1916
MEAN	2.83	2.80	2.76	4.44	21.4	24.7	15.9	8.91	4.92	4.23	2.44	2.61	6.51	MEAN

LOCATION - LAT 48 51 30 N LONG 093 34 30 W DRAINAGE AREA, 1 090 km² REGULATED

FOOTPRINT RIVER AT RAINY LAKE FALLS - STATION NO. 05PB004

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1914	---	---	---	---	1914
1915	---	29.2 ON MAY 19	2.10 ON OCT 03 *	205 000	1915
1916	---	39.9 ON MAY 27 *	---	---	1916
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		205 000	MEAN

FREDERICK HOUSE RIVER AT FREDERICK HOUSE LAKE DAM - STATION NO. 04MD002

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1938	---	---	---	---	---	---	---	---	---	13.8	35.5	13.7	---	1938
1939	23.4	60.1	19.2	8.80	147	27.3	48.5	10.0	12.9	41.1	24.8	31.7	37.9	1939
1940	31.4	31.0	34.2	22.4	49.6	62.5	38.9	7.57	20.4	17.3	34.1	29.8	32.2	1940
1941	28.6	30.4	31.9	37.3	54.5	18.1	16.8	41.3	54.2	66.6	60.5	34.2	41.2	1941
1942	16.1	46.7	61.5	56.8	42.7	7.13	5.96	8.98	17.5	45.4	30.7	11.8	29.1	1942
1943	24.8	41.3	46.0	25.0	34.0	72.5	27.8	14.2	17.1	19.0	4.93	25.8	29.2	1943
1944	25.2	29.6	37.9	32.3	38.0	21.9	18.6	9.17	48.3	45.2	28.3	19.4	29.5	1944
1945	39.1	33.7	23.9	44.1	73.0	60.0	25.8	5.71	14.9	25.5	31.7	26.0	33.6	1945
1946	5.71	18.3	73.6	29.2	66.0	41.0	22.4	11.1	11.8	15.6	4.66	15.6	26.4	1946
1947	46.5	46.6	45.9	43.2	172	116	1.39	4.81	13.7	27.5	35.7	41.5	49.5	1947
1948	22.5	3.59	3.78	20.9	47.4	20.4	12.7	17.7	23.7	42.5	14.0	19.9	20.8	1948
1949	30.5	34.3	35.8	19.6	28.5	39.7	33.0	39.9	23.6	35.8	24.0	25.1	30.8	1949
1950	15.1	5.78	10.4	32.9	94.5	59.8	51.3	48.1	38.8	17.8	18.3	29.5	36.1	1950
1951	35.3	32.4	47.0	70.1	30.2	40.3	17.8	8.77	34.2	43.0	47.3	34.7	36.7	1951
1952	29.0	48.0	39.5	14.1	44.6	42.2	20.8	19.0	17.0	23.8	13.7	16.8	30.5	1952
1953	75.0	38.8	44.5	42.7	46.8	35.1	19.0	30.1	5.15	26.7	22.0	24.7	34.3	1953
1954	46.9	47.5	56.4	29.0	57.4	41.1	26.9	25.4	25.5	54.7	32.3	31.3	39.5	1954
1955	41.4	43.2	47.1	26.0	0.001	35.1	28.9	6.54	18.2	1.29	4.16	36.6	23.9	1955
1956	27.8	36.6	45.4	23.7	66.0	39.3	33.1	17.2	18.9	35.6	30.3	24.2	33.2	1956
1957	23.2	27.0	40.6	11.1	6.22	47.6	68.6	31.3	26.4	10.8	19.6	36.7	32.0	1957
1958	42.9	15.1	14.3	15.1	0	2.44	42.1	21.7	5.93	41.9	34.6	28.2	27.0	1958
1959	39.9	38.4	49.9	23.2	28.6	33.8	49.4	0	0	0	24.5	48.7	28.0	1959
1960	31.1	36.4	24.9	14.7	209	36.3	21.2	10.2	27.2	23.4	15.3	26.2	39.8	1960
1961	34.1	28.9	42.2	9.19	35.6	61.7	43.5	18.5	89.6	29.2	50.2	30.9	39.4	1961
1962	50.0	52.0	43.5	10.2	70.4	20.9	24.3	14.1	28.6	27.0	24.5	16.2	32.4	1962
1963	26.3	23.0	20.4	42.3	10.4	38.2	24.0	22.7	20.2	22.4	4.42	18.1	24.0	1963
1964	49.8	56.7	42.0	44.7	60.9	81.0	20.5	7.90	13.4	39.3	26.2	24.0	38.7	1964
1965	33.4	59.6	53.7	7.60	83.4	7.68	11.2	31.6	54.7	63.0	13.5	18.5	36.5	1965
1966	46.8	66.8	44.6	30.1	29.3	57.3	10.0	1.10	2.59	69.8	44.9	43.4	37.0	1966
1967	44.2	44.8	66.4	116	76.5	60.7	7.21	19.6	51.5	9.12	17.0	23.9	44.6	1967
1968	34.6	38.9	68.9	17.7	41.1	51.6	57.2	13.2	18.1	4.30	14.0	38.6	33.2	1968
1969	34.1	34.6	45.1	21.4	67.8	24.1	16.0	5.39	6.39	35.8	43.2	35.6	30.8	1969
1970	59.3	46.6	21.8	5.90	29.7	63.4	17.7	13.5	26.6	1.56	4.63	9.43	24.8	1970
1971	30.5	50.7	64.1	19.5	76.6	24.7	7.77	5.90	7.64	11.9	26.7	33.4	29.9	1971
1972	33.1	47.3	50.9	21.4	28.2	72.1	24.7	10.7	9.20	5.05	18.1	36.2	29.6	1972
1973	33.1	37.2	60.0	6.12	25.2	25.1	21.3	4.84	5.21	16.1	21.5	33.6	26.5	1973
1974	24.1	34.5	48.2	15.8	65.8	61.2	20.7	18.3	20.0	15.2	19.4	29.8	31.4	1974
1975	29.6	25.3	48.6	30.6	11.4	72.1	7.17	0	0.109	1.26	28.9	34.9	24.0	1975
1976	45.4	50.4	43.8	116	49.1	13.4	1.26	0.470	7.90	18.7	4.25	1.14	29.1	1976
1977	48.0	48.4	34.8	49.9	12.3	0	0	0	25.5	17.7	17.2	26.3	24.0	1977
1978	40.3	47.5	47.0	13.5	51.8	48.2	37.8	11.4	33.2	35.5	9.23	32.4	33.7	1978
1979	48.4	55.1	21.3	56.8	106	10.1	28.6	20.1	23.1	24.7	35.4	36.3	37.1	1979
1980	36.0	50.3	38.3	15.0	56.3	25.1	8.79	3.90	9.45	23.1	27.7	6.27	24.9	1980
1981	48.8	55.2	41.2	28.5	33.6	25.9	12.6	8.52	7.62	20.8	24.6	19.3	28.7	1981
1982	23.1	71.9	42.2	5.60	32.5	1.48	26.1	7.25	16.3	30.6	24.8	17.4	28.9	1982
1983	52.6	46.1	63.6	0	99.7	79.0	1.28	0.952	8.09	66.2	64.1	20.1	42.5	1983
1984	51.6	55.1	25.8	15.7	14.8	47.1	43.2	0	0	12.5	32.5	25.9	26.9	1984
1985	50.4	49.7	55.2	27.2	23.8	15.0	48.7	10.2	18.0	0.435	34.3	25.3	29.7	1985
1986	37.8	59.3	43.9	3.00	63.4	1.70	2.47	34.6	34.1	47.6	41.2	38.4	33.9	1986
1987	38.3	48.1	27.7	0	0	0	12.2	25.0	0.660	66.2	62.9	26.0	25.5	1987
1988	39.9	35.6	---	7.78	163	31.7	19.7	78.6	67.1	74.9	164	70.8	---	1988
1989	49.0	40.9	---	---	91.8	51.8	33.4	12.2	7.70	6.49	10.7	25.9	---	1989
1990	42.4	39.4	51.3	40.1	57.3	21.6	47.7	1.52	6.50	78.1	41.0	34.2	38.5	1990
MEAN	37.6	41.8	42.9	28.1	56.9	38.3	24.9	15.2	21.1	30.2	29.1	27.8	32.1	MEAN

LOCATION - LAT 48 47 33 N LONG 081 00 53 W DRAINAGE AREA, 2 870 km² REGULATED SINCE 1938

FREDERICK HOUSE RIVER AT FREDERICK HOUSE LAKE DAM - STATION NO. 04MD002

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1938	---	---	---	---	1938
1939	---	270 ON MAY 11	0 ON MAR 22 *	1 200 000	1939
1940	---	147 ON MAY 29	0 ON APR 24	1 020 000	1940
1941	---	159 ON AUG 30	0 ON APR 13	1 300 000	1941
1942	---	194 ON APR 28	0 ON SEP 05	920 000	1942
1943	---	154 ON JUN 19	0 ON APR 16	923 000	1943
1944	---	151 ON MAY 16	1.10 ON APR 30	932 000	1944
1945	---	181 ON MAY 30	0 ON DEC 12	1 060 000	1945
1946	---	209 ON MAY 27	0 ON APR 07	831 000	1945
1947	---	337 ON MAY 21	0.566 ON JUN 30	1 560 000	1947
1948	---	142 ON OCT 04	0.113 ON NOV 13	659 000	1948
1949	---	171 ON JUN 28	0 ON SEP 23	973 000	1949
1950	---	185 ON MAY 09	0 ON JAN 26	1 140 000	1950
1951	---	159 ON OCT 25	0.142 ON OCT 04	1 160 000	1951
1952	---	172 ON JAN 03	0 ON APR 23	966 000	1952
1953	---	139 ON OCT 05	0 ON APR 21	1 080 000	1953
1954	---	176 ON OCT 19	0 ON MAY 02	1 250 000	1954
1955	---	82.4 ON JUN 30	0 ON APR 25	754 000	1955
1956	---	137 ON MAY 17	0 ON APR 21	1 050 000	1956
1957	---	165 ON JUL 01	0 ON APR 21	1 010 000	1957
1958	---	176 ON NOV 20	0 ON APR 16	851 000	1958
1959	---	131 ON MAY 13	0 ON APR 21	884 000	1959
1960	---	436 ON MAY 12 *	0 ON APR 23	1 260 000	1960
1961	---	234 ON SEP 02	0 ON APR 14	1 240 000	1961
1962	---	180 ON MAY 08	0 ON APR 12	1 020 000	1962
1963	---	167 ON JUN 22	0 ON APR 19	758 000	1963
1964	---	180 ON JUN 20	0 ON APR 23	1 230 000	1964
1965	---	178 ON SEP 24	0 ON APR 15	1 150 000	1965
1966	---	232 ON OCT 20	0 ON APR 19	1 170 000	1966
1967	---	213 ON MAY 07	0 ON MAY 17	1 410 000	1967
1968	---	164 ON JUN 13	0 ON APR 02	1 050 000	1968
1969	---	122 ON MAY 11	0 ON APR 16	973 000	1969
1970	---	105 ON JUN 04	0 ON APR 21	783 000	1970
1971	---	139 ON MAY 22	0 ON APR 20	942 000	1971
1972	---	156 ON JUN 04	0 ON APR 27	937 000	1972
1973	---	153 ON MAY 11	0 ON APR 04	836 000	1973
1974	---	155 ON MAY 18	0 ON APR 24	990 000	1974
1975	---	142 ON JUN 03	0 ON APR 23	759 000	1975
1976	---	365 ON APR 24	0 ON APR 06	922 000	1976
1977	---	214 ON APR 25	0 ON APR 02	754 000	1977
1978	---	257 ON MAY 16	0 ON APR 27	1 060 000	1978
1979	---	198 ON MAY 16	0 ON APR 18	1 170 000	1979
1980	---	115 ON MAY 03	0 ON JAN 20	789 000	1980
1981	---	79.9 ON MAR 03	0 ON APR 04	906 000	1981
1982	---	229 ON OCT 23	0 ON APR 20	912 000	1982
1983	---	250 ON MAY 27	0 ON APR 01	1 340 000	1983
1984	---	252 ON JUN 28	0 ON MAR 31	851 000	1984
1985	---	248 ON APR 27	0 ON APR 05	938 000	1985
1986	---	146 ON AUG 13	0 ON MAR 27	1 070 000	1986
1987	---	125 ON OCT 15	0 ON APR 01	804 000	1987
1988	---	304 ON MAY 05	0 ON APR 07	---	1988
1989	---	---	---	---	1989
1990	---	155 ON OCT 23	0 ON APR 11	1 220 000	1990
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		1 020 000	MEAN

FREDERICK HOUSE RIVER AT FREDERICKHOUSE - STATION NO. 04MD001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1915	---	---	---	---	---	---	---	10.5	21.9	76.7	61.4	49.4	---	1915
1916	58.3	59.8	50.7	102	241	59.3	42.4	16.4	9.29	17.4	61.0	116	69.2	1916
1917	126	36.4	12.1	45.2	229	145	76.2	53.0	26.3	31.8	25.6	19.9	69.3	1917
1918	12.8	8.45	9.12	45.6	168	102	70.1	11.9	44.1	102	78.1	46.2	58.5	1918
1919	25.5	17.0	14.2	65.5	184	76.8	9.22	14.5	89.9	---	---	---	---	1919
MEAN	55.7	30.4	21.5	64.6	206	95.8	49.5	22.9	38.3	55.7	56.5	57.8	65.7	MEAN

LOCATION - LAT 49 05 20 N LONG 081 09 15 W DRAINAGE AREA, 3 260 km^2 REGULATED DATA CONTRIBUTED BY - ONTARIO HYDRO

FREDERICK HOUSE RIVER AT FREDERICKHOUSE - STATION NO. 04MD001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1915	---	---	---	---	1915
1916	---	326 ON MAY 03 *	7.65 ON SEP 05	2 190 000	1916
1917	---	297 ON MAY 05	9.34 ON MAR 16	2 180 000	1917
1918	---	218 ON MAY 23	4.87 ON FEB 24 *	1 840 000	1918
1919	---	215 ON MAY 24	---	---	1919
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		2 070 000	MEAN

FRENCH RIVER AT CHAUDIERE DAM - STATION NO. 02DD017

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1980	115	102	62.4	143	195	95.2	69.1	57.5	68.6	103	117	127	105	1980
1981	108	95.5	99.2	158	150	39.9	22.5	7.88	74.6	114	148	128	95.4	1981
1982	107	75.4	28.1	67.9	43.1	8.55	8.57	8.28	11.5	98.4	143	151	62.5	1982
1983	145	118	53.4	35.1	162	148	11.7	14.6	41.3	123	97.5	129	89.7	1983
1984	104	94.5	96.8	39.4	23.1	157	157	48.7	66.8	54.1	119	143	91.9	1984
1985	125	103	97.1	119	172	75.7	66.0	68.8	43.7	44.0	101	131	95.7	1985
1986	106	95.8	91.0	30.4	36.6	4.90	2.77	5.93	5.73	12.5	14.3	118	43.5	1986
1987	121	108	93.2	23.5	10.9	15.9	14.7	14.6	14.3	15.3	82.7	121	52.7	1987
1988	118	108	95.6	61.2	102	17.4	10.9	31.5	80.3	119	162	120	85.5	1988
1989	124	108	78.3	30.9	54.0	170	13.2	5.79	16.4	53.3	105	121	73.0	1989
1990	102	75.6	48.0	27.3	102	177	84.9	49.0	43.5	158	156	160	98.8	1990
MEAN	116	98.3	76.6	66.9	95.5	82.7	41.9	28.4	42.4	81.3	113	132	81.2	MEAN

LOCATION - LAT 46 07 33 N
LONG 080 01 10 W. REGULATED SINCE 1916

FRENCH RIVER AT CHAUDIERE DAM - STATION NO. 02DD017

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1980	---	201 ON MAY 14	9.44 ON SEP 11	3 310 000	1980
1981	---	185 ON APR 29	7.66 ON JUL 25	3 010 000	1981
1982	---	162 ON OCT 18	8.11 ON SEP 16	1 970 000	1982
1983	---	194 ON JUN 10	7.05 ON APR 09	2 830 000	1983
1984	---	183 ON JUN 17	16.7 ON APR 21	2 910 000	1984
1985	---	181 ON MAY 11	42.5 ON OCT 28	3 020 000	1985
1986	---	135 ON DEC 13	2.58 ON JUL 27 *	1 370 000	1986
1987	---	136 ON DEC 16	4.25 ON MAY 16	1 660 000	1987
1988	---	166E ON NOV 22	5.79E ON JUL 26	2 700 000	1988
1989	---	229 ON JUN 18 *	5.45 ON SEP 18	2 300 000	1989
1990	---	214 ON MAY 25	5.55 ON APR 02	3 120 000	1990
	E - ESTIMATED	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		2 560 000	MEAN

FRENCH RIVER AT DRY PINE BAY - STATION NO. 02DD010

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1961	---	---	---	91.9	197	417	164	133	126	176	313	269	---	1961
1962	186	203	172	138	231	97.6	43.3	26.1	25.5	27.2	74.7	151	114	1962
1963	183	149	104	235	104	101	51.7	43.1	40.3	37.4	115	188	112	1963
1964	167	66.6	62.3	190	109	68.7	41.9	39.9	40.5	147	135	208	113	1964
1965	173	160	183	194	216	78.1	46.4	129	151	316	320	338	192	1965
1966	322	267	205	162	161	92.2	74.9	42.0	37.9	95.0	236	358	172	1966
1967	348	338	257	360	341	237	117	78.5	48.9	107	318	373	219	1967
1968	279	221	187	209	104	43.9	36.9	56.2	111	169	152	174	145	1968
1969	191	222	188	174	298	229	120	75.7	90.1	114	353	348	200	1969
1970	276	205	168	165	277	382	351	212	86.0	164	344	292	244	1970
1971	211	184	190	268	280	131	31.4	27.8	31.9	86.3	104	207	146	1971
1972	227	204	180	214	372	240	115	125	257	173	230	255	216	1972
1973	237	230	288	219	321	231	155	79.3	68.5	91.4	204	252	198	1973
1974	250	218	205	249	229	242	134	56.3	56.6	116	295	322	197	1974
1975	282	228	201	234	246	79.4	65.5	39.6	30.2	44.9	124	297	156	1975
1976	259	201	199	111	344	186	70.8	46.5	35.3	58.4	146	164	168	1976
1977	148	154	202	204	179	54.5	38.1	36.3	97.7	303	291	314	169	1977
1978	225	193	193	201	181	124	51.1	50.8	70.6	322	291	264	181	1978
1979	206	185	238	381	485	416	142	139	148	141	332	330	262	1979
1980	284	181	99.8	327	378	157	115	88.9	140	280	315	299	222	1980
1981	225	208	193	342	359	201	147	62.9	144	219	290	348	220	1981
1982	224	172	115	287	221	37.2	30.9	27.1	30.1	158	298	341	162	1982
1983	357	274	139	175	408	385	108	48.4	64.8	220	187	290	221	1983
1984	222	202	233	183	135	309	246	99.3	126	166	345	358	219	1984
1985	316	240	235	353	408	125	98.2	103	69.4	84.1	170	285	207	1985
1986	201	131	155	193	195	175	99.3	86.9	75.5	140	201	178	153	1986
1987	168	185	178	136	80.1	40.6	31.8	29.3	26.9	28.0	91.1	174	97.0	1987
1988	203	201	198	302	318	96.5	41.4	67.7	112	186	366	327	201	1988
1989	287	248	202	241	190	261	85.3	48.1	47.4	71.7	130	240	170	1989
1990	200	168	176	142	290	333	145	75.7	66.2	294	360	388	220	1990
MEAN	236	201	184	229	258	176	99.9	72.4	82.5	151	238	273	183	MEAN

LOCATION - LAT 46 03 01 N DRAINAGE AREA, 13 900 km^2
LONG 080 34 26 W REGULATED

REMARKS - DAILY DISCHARGES OBTAINED BY SUMMATION OF FLOWS AT THE THREE OUTLETS

FRENCH RIVER AT DRY PINE BAY - STATION NO. 02DD010

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1961	---	---	---	---	1961
1962	---	331 CN MAY 11	23.7 CN SEP 08 *	3 600 000	1962
1963	326 AT 15:00 EST CN APR 05	323 CN APR 05	37.4 CN OCT 02	3 440 000	1963
1964	283 AT 03:00 EST CN APR 26	283 CN APR 26	38.2 CN SEP 20	3 590 000	1964
1965	---	368 CN NOV 29	37.7 CN AUG 06	6 060 000	1965
1966	---	416 CN DEC 10	41.1 CN AUG 15	5 430 000	1966
1967	433 AT 18:00 EST CN APR 18	430 CN APR 18	30.9 CN SEP 25	7 550 000	1967
1968	340 AT 08:30 EST CN APR 06	340 CN APR 06	31.4 CN JUL 26	4 590 000	1968
1969	413 AT 06:30 EST CN NOV 04	413 CN NOV 04	41.6 CN AUG 12	6 310 000	1969
1970	419 AT 21:00 EST CN JUN 04	416 CN JUN 04	78.4 CN OCT 13	7 690 000	1970
1971	371 AT 19:07 EST CN APR 20	368 CN APR 20	26.8 CN AUG 09	4 610 000	1971
1972	413 AT 20:20 EST CN MAY 16	408 CN MAY 07	89.8 CN AUG 21	6 820 000	1972
1973	374 AT 02:34 EST CN MAY 12	371 CN APR 04	65.7 CN SEP 18	6 240 000	1973
1974	365 AT 18:09 EST CN NOV 26	365 CN NOV 25	44.5 CN AUG 01	6 220 000	1974
1975	345 AT 20:29 EST CN APR 25	345 CN APR 26	27.0 CN OCT 09	4 910 000	1975
1976	388 AT 00:16 EST CN MAY 21	388 CN MAY 20	32.0A CN SEP 22	5 320 000	1976
1977	351 AT 17:34 EST CN DEC 04	351E CN NOV 18	33.1 CN AUG 17	5 320 000	1977
1978	357 AT 19:38 EST CN OCT 11	357 CN OCT 11	47.0 CN AUG 14	5 700 000	1978
1979	526 AT 07:23 EST CN MAY 18 *	525 CN MAY 16 *	49.2 CN JUL 24	8 260 000	1979
1980	464 AT 19:41 EST CN APR 17	464 CN APR 17	47.4 CN SEP 12	7 020 000	1980
1981	400 AT 03:11 EST CN APR 09	395 CN MAY 14	57.7 CN AUG 28	6 930 000	1981
1982	406 AT 21:49 EST CN DEC 29	406 CN DEC 29	25.1 CN AUG 31	5 100 000	1982
1983	453 AT 00:31 EST CN JUN 03	452 CN JUN 02	37.7 CN SEP 13	6 980 000	1983
1984	371 AT 21:14 EST CN DEC 21	369 CN DEC 21	81.2 CN AUG 22	6 910 000	1984
1985	306 AT 03:53 EST CN APR 25	504 CN APR 25	66.6 CN SEP 17	6 540 000	1985
1986	309 AT 16:07 EST CN APR 03	308 CN APR 03	72.1 CN SEP 09	4 810 000	1986
1987	234 AT 21:18 EST CN DEC 26	233 CN DEC 26	25.6 CN SEP 28	3 060 000	1987
1988	428 AT 24:29 EST CN APR 10	426 CN APR 11	36.2 CN JUL 18	6 370 000	1988
1989	317 AT 19:00 EST CN JUN 03	316 CN JUN 03	43.2 CN SEP 21	5 370 000	1989
1990	481 AT 15:12 EST CN MAY 23	479 CN MAY 23	58.6 CN SEP 11	6 940 000	1990
				5 790 000	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX) E - ESTIMATED * - EXTREME RECORDED FOR THE PERIOD OF RECORD

FRENCH RIVER AT FRENCH RIVER - STATION NO. 02DD004

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1930	---	---	---	---	---	---	341	224	71.0	70.2	109	198	---	1930
1931	160	128	113	171	131	140	69.0	60.3	59.5	61.5	125	262	123	1931
1932	215	210	186	265	193	130	70.2	63.8	61.2	144	328	300	182	1932
1933	272	224	188	313	344	215	69.9	62.8	58.4	58.7	163	179	178	1933
1934	149	127	114	215	302	138	84.4	67.2	67.7	96.7	204	292	155	1934
1935	225	182	165	232	160	96.9	154	66.3	59.0	59.5	86.4	219	142	1935
1936	178	148	140	234	327	278	84.6	65.2	64.6	74.9	221	198	167	1936
1937	227	195	188	284	322	138	73.6	68.2	65.9	68.9	183	249	172	1937
1938	206	187	213	396	380	271	71.8	74.3	68.2	67.4	147	211	191	1938
1939	182	155	143	234	343	300	92.1	66.9	63.8	65.6	175	210	169	1939
1940	167	138	119	124	113	180	143	129	216	94.8	227	257	159	1940
1941	216	183	159	294	304	75.2	87.7	110	59.7	71.3	334	303	183	1941
1942	250	202	191	353	319	223	67.9	59.4	57.7	60.0	110	197	174	1942
1943	159	137	134	243	364	144	210	71.8	99.8	73.0	101	227	180	1943
1944	184	153	138	180	217	78.9	54.0	44.4	43.9	166	62.9	194	127	1944
1945	165	139	193	167	92.5	316	97.6	41.8	43.3	115	283	249	158	1945
1946	219	19[illegible]	257	297	163	171	59.6	39.5	38.8	38.0	104	238	151	1946
1947	205	176	159	329	414	432	379	252	117	212	178	189	254	1947
1948	153	130	147	303	234	117	112	47.5	31.0	43.3	201	269	149	1948
1949	230	208	202	347	318	222	171	59.7	33.6	46.7	79.3	228	179	1949
1950	217	189	175	255	227	103	76.6	69.2	72.7	91.1	223	233	161	1950
1951	197	178	174	480	377	66.0	161	50.8	51.6	225	490	384	237	1951
1952	318	269	210	297	140	144	78.5	160	83.5	102	111	305	185	1952
1953	294	246	282	371	257	86.1	76.5	61.6	59.1	57.0	58.4	171	169	1953
1954	158	139	232	295	266	350	248	44.0	39.5	315	357	325	231	1954
1955	319	241	206	291	68.8	53.6	51.9	46.4	45.4	43.5	269	301	161	1955
1956	148	89.8	141	225	214	228	81.9	72.7	172	279	222	289	180	1956
1957	256	203	164	114	110	141	343	156	106	180	132	343	204	1957
1958	324	294	217	122	65.4	55.4	71.7	55.1	54.0	58.9	115	236	138	1958
1959	200	147	138	187	271	180	60.8	64.5	188	235	325	336	194	1959
1960	314	240	190	227	428	396	394	255	46.4	227	327	235	274	1960
1961	232	130	47.3	93.9	198	117	162	134	126	175	314	269	167	1961
1962	186	203	173	138	230	99.8	43.5	26.0	25.5	---	---	---	---	1962
MEAN	217	191	172	252	247	184	132	87.2	74.2	115	205	253	177	MEAN

LOCATION - LAT 46 01 14 N LONG 080 34 23 W DRAINAGE AREA, 13 900 km^2 REGULATED

FRENCH RIVER AT FRENCH RIVER - STATION NO. 02DD004

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1930	---	---	---	---	
1931	---	---	---	---	1930
1932	---	292 ON NOV 29	53.5 ON OCT 05	3 890 000	1931
1933	---	345 ON NOV 15	59.5 ON SEP 17	5 750 000	1932
1934	---	379 ON APR 18	54.4 ON OCT 16	5 630 000	1933
		334 ON NOV 25	64.0 ON AUG 26	4 880 000	1934
1935	---	257 ON MAY 03	58.0 ON SEP 26	4 480 000	1935
1936	---	334 ON MAY 11	60.0 ON SEP 06	5 300 000	1936
1937	---	351 ON APR 26	62.0 ON SEP 09	5 410 000	1937
1938	---	447 ON APR 02	65.1 ON SEP 06	6 020 000	1938
1939	---	394 ON APR 28	60.3 ON OCT 04	5 340 000	1939
1940	---	317 ON NOV 23	71.6 ON JUL 27	5 020 000	1940
1941	---	430 ON APR 22	57.8 ON SEP 15	5 770 000	1941
1942	---	391 ON APR 07	53.0 ON OCT 20	5 480 000	1942
1943	---	391 ON MAY 04	68.2 ON AUG 31	5 690 000	1943
1944	---	278 ON MAY 07	41.9 ON AUG 28	4 000 000	1944
1945	---	337 ON JUN 11	38.2 ON AUG 24	4 990 000	1945
1946	---	362 ON MAR 31	37.1 ON OCT 02	4 770 000	1946
1947	---	447 ON JUN 16	78.4 ON SEP 11	8 010 000	1947
1948	---	340 ON APR 10	29.4 ON SEP 26	4 710 000	1948
1949	---	362 ON APR 16	32.6 ON SEP 11	5 630 000	1949
1950	---	377 ON NOV 28	38.5 ON AUG 26	5 070 000	1950
1951	---	580 ON APR 13 *	43.9 ON JUN 27	7 470 000	1951
1952	---	396 ON APR 19	62.9 ON JUL 14	5 840 000	1952
1953	---	396 ON MAR 29	55.5 ON NOV 07	5 300 000	1953
1954	---	430 ON OCT 18	30.6 ON SEP 03	7 290 000	1954
1955	---	394 ON APR 16	36.8 ON OCT 05	5 060 000	1955
1956	---	329 ON NOV 29	44.5 ON JAN 27	5 700 000	1956
1957	---	391 ON DEC 22	47.6 ON SEP 02	6 450 000	1957
1958	---	351 ON JAN 01	47.6 ON AUG 29	4 360 000	1958
1959	---	334 ON DEC 18	51.5 ON JUL 18	6 130 000	1959
1960	---	479 ON MAY 26	32.8 ON SEP 25	8 660 000	1960
1961	---	360 ON NOV 06	27.9 ON MAR 14 *	5 260 000	1961
1962	---	334 ON MAY 11	---	---	1962
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		5 590 000	MEAN

FRENCH RIVER AT LAKE NIPISSING - STATION NO. 02DD007

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1951	---	---	---	---	---	51.9	135	57.7	53.4	255	462	355	---	1951
1952	293	250	192	189	112	124	79.3	158	79.7	79.6	116	278	164	1952
1953	276	223	221	321	217	73.3	76.0	64.5	63.1	70.8	82.6	169	152	1953
1954	145	125	175	192	213	314	209	32.0	52.4	266	304	287	193	1954
1955	291	227	189	186	47.8	50.9	49.3	44.5	39.5	33.2	248	281	140	1955
1956	108	83.5	143	158	179	193	84.5	71.9	167	248	197	283	158	1956
1957	240	184	132	60.9	92.0	126	323	119	109	161	286	293	178	1957
1958	299	279	194	73.3	58.1	55.7	57.4	51.4	53.5	55.7	123	324	126	1958
1959	182	140	119	67.0	243	138	59.6	64.8	179	223	280	303	167	1959
1960	290	219	165	121	376	391	358	206	53.6	240	276	214	243	1960
1961	207	109	33.5	33.4	172	109	172	106	98.8	193	282	240	147	1961
1962	170	187	150	63.9	195	70.7	39.3	26.1	24.9	29.4	85.8	148	98.9	1962
1963	173	134	94.6	132	75.9	82.5	50.0	44.4	39.4	36.4	131	177	97.0	1963
1964	143	48.5	54.7	141	159	49.5	41.6	39.8	39.8	148	143	180	99.4	1964
1965	151	141	166	110	167	54.1	44.0	138	156	298	289	294	168	1965
1966	290	243	169	118	119	83.0	62.7	43.0	61.5	93.6	219	308	150	1966
1967	327	310	234	245	310	215	89.0	76.4	36.1	109	268	295	209	1967
1968	251	198	164	114	62.2	29.9	31.6	60.3	107	164	146	152	123	1968
1969	178	217	170	89.3	249	182	88.7	64.9	67.4	123	279	297	167	1969
1970	257	194	151	76.3	241	351	313	179	81.3	168	303	250	214	1970
1971	180	176	177	170	231	94.5	29.1	28.5	32.0	78.8	100	184	124	1971
1972	203	193	171	113	320	207	95.3	127	239	170	210	223	189	1972
1973	201	213	223	150	282	215	130	77.0	69.5	97.8	184	238	173	1973
1974	238	199	191	160	188	211	102	53.9	49.7	120	271	298	173	1974
1975	257	215	181	166	185	76.0	63.0	41.2	32.3	62.9	124	249	137	1975
1976	245	185	153	213	309	149	65.8	42.5	31.1	70.0	143	152	146	1976
1977	143	153	162	142	160	52.6	39.6	39.7	108	268	247	261	148	1977
1978	194	181	176	136	134	108	45.9	45.6	68.4	291	254	236	156	1978
1979	201	183	193	289	476	412	115	130	151	141	299	295	240	1979
1980	257	167	86.8	244	332	140	111	98.8	150	256	289	279	201	1980
1981	215	183	159	282	298	162	118	64.0	131	219	257	221	192	1981
1982	214	161	107	200	172	30.4	30.5	27.2	29.9	189	271	300	143	1982
1983	323	251	91.8	130	359	340	100	50.1	66.2	214	169	266	197	1983
1984	198	176	204	94.2	118	273	218	80.2	117	183	305	327	189	1984
1985	293	223	202	249	337	106	95.3	94.0	65.8	86.7	167	262	183	1985
1986	183	173	134	105	181	156	95.1	89.9	80.2	153	183	172	138	1986
1987	164	178	156	78.6	66.7	33.1	32.4	30.6	28.9	29.2	96.5	164	87.7	1987
1988	187	177	176	200	286	82.6	39.1	62.1	108	179	326	299	177	1988
1989	272	234	174	150	175	248	64.1	50.8	52.5	74.2	134	229	154	1989
1990	182	144	119	88.8	254	302	122	76.7	69.0	275	310	339	191	1990
MEAN	221	185	158	150	209	154	102	73.9	81.0	153	221	250	162	MEAN

LOCATION - LAT N
LONG W

DRAINAGE AREA, 12 300 km^2
REGULATED SINCE 1916

REMARKS - FOR 1951-1981 DISCHARGES WERE SUM OF 02DD016, 17, 18, AND 19. FROM 1982 USE 02DD016, 17, AND 20

FRENCH RIVER AT LAKE NIPISSING - STATION NO. 02DD007

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1951	---	---	---	---	1951
1952	---	317 CN JAN 23	42.8 CN JUL 31	5 190 000	1952
1953	---	362 CN APR 24	39.8 CN NOV 22	4 780 000	1953
1954	---	343 CN JUN 27	27.3 CN AUG 20	6 090 000	1954
1955	---	311 CN JAN 15	22.7 CN OCT 14	4 410 000	1955
1956	---	300 CN OCT 09	28.9 CN JAN 14	4 990 000	1956
1957	---	337 CN JUL 05	30.9 CN APR 17	5 620 000	1957
1958	---	309 CN JAN 25	44.7 CN SEP 22	5 980 000	1958
1959	---	337 CN DEC 22	27.8 CN APR 25	5 260 000	1959
1960	---	433 CN MAY 27	33.7 CN SEP 14	7 680 000	1960
1961	---	340 CN NOV 04	10.6 CN MAR 02 *	4 830 000	1961
1962	---	306 CN MAY 10	20.2 CN MAR 31	3 120 000	1962
1963	---	187 CN APR 08	30.0 CN OCT 31	3 060 000	1963
1964	---	240 CN OCT 07	32.3 CN FEB 12	3 140 000	1964
1965	---	323 CN SEP 30	27.9 CN AUG 06	5 290 000	1965
1966	---	326 CN DEC 31	39.1 CN OCT 07	4 740 000	1966
1967	---	334 CN FEB 04	26.8 CN SEP 12	6 590 000	1967
1968	---	294 CN JAN 01	25.4 CN JUN 02	3 900 000	1968
1969	---	337 CN OCT 31	35.7 CN JUL 25	5 260 000	1969
1970	---	374 CN JUN 10	31.7 CN APR 18	6 750 000	1970
1971	---	247 CN MAY 10	27.9 CN JUL 28	3 910 000	1971
1972	---	371 CN JUN 02	45.3 CN APR 21	5 990 000	1972
1973	---	309 CN MAY 23	69.5 CN SEP 19	3 470 000	1973
1974	---	311 CN DEC 01	30.3 CN JUL 27	5 460 000	1974
1975	---	278 CN JAN 01	30.9 CN OCT 11	4 340 000	1975
1976	---	357 CN JUN 01	30.3 CN SEP 03	4 630 000	1976
1977	---	311 CN OCT 01	34.0 CN JUL 21	4 670 000	1977
1978	---	309 CN OCT 26	44.2 CN AUG 16	4 910 000	1978
1979	---	524 CN MAY 13 *	55.2 CN JUL 22	7 580 000	1979
1980	---	354 CN MAY 14	48.6 CN SEP 10	5 360 000	1980
1981	---	345 CN APR 30	61.5 CN AUG 27	5 040 000	1981
1982	---	325 CN DEC 28	25.1 CN SEP 01	4 500 000	1982
1983	---	412 CN JUN 07	31.8 CN SEP 12	5 200 000	1983
1984	---	339 CN DEC 19	63.4 CN APR 11	5 990 000	1984
1985	---	391 CN MAY 06	53.8 CN OCT 06	5 780 000	1985
1986	---	295 CN MAY 25	60.9 CN APR 14	4 360 000	1986
1987	---	214 CN DEC 25	27.8 CN OCT 16	2 770 000	1987
1988	---	3578 CN MAY 17	34.4E CN JUL 20	5 590 000	1988
1989	---	311 CN JUN 25	45.7 CN SEP 19	4 870 000	1989
1990	---	418 CN MAY 30	50.0 CN APR 03	6 010 000	1990
	E - ESTIMATED	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		5 130 000	MEAN

FRENCH RIVER AT PORTAGE DAM - STATION NO. 02DD016

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1980	107	44.2	13.2	63.2	97.5	16.6	14.7	14.8	25.1	64.3	99.9	103	55.4	1980
1981	78.5	66.0	25.4	39.4	51.2	95.1	70.3	32.4	32.1	30.4	51.2	91.1	51.8	1981
1982	78.8	66.8	61.8	95.9	80.1	3.16	3.27	3.23	1.22	35.9	67.6	88.1	48.9	1982
1983	121	99.9	4.49	27.6	90.4	101	65.9	15.2	5.30	30.3	14.5	89.4	55.2	1983
1984	85.9	58.7	85.0	12.1	23.0	45.6	34.0	6.59	21.0	32.6	110	122	51.4	1984
1985	125	90.3	82.6	90.9	94.1	7.43	7.28	4.23	3.78	3.64	9.33	87.5	50.7	1985
1986	52.3	9.27	29.8	24.0	61.4	62.6	8.15	3.55	3.35	70.1	112	8.14	37.0	1986
1987	6.95	42.6	45.6	12.7	18.5	1.84	1.97	1.40	1.13	0.909	0.781	31.0	13.7	1987
1988	59.5	61.0	74.3	121	136	39.8	5.08	8.02	7.05	38.1	140	132	70.2	1988
1989	106	97.7	75.5	80.0	54.5	39.0	26.8	22.7	16.2	4.60	13.4	97.9	52.7	1989
1990	74.0	63.5	64.8	49.6	120	94.4	10.7	2.80	2.69	93.5	134	158	72.5	1990
MEAN	79.5	64.0	51.1	56.1	76.8	46.0	22.5	10.5	11.1	36.7	68.4	88.0	50.9	MEAN

LOCATION - LAT 46 07 22 N
LONG 080 00 49 W REGULATED SINCE 1949

FRENCH RIVER AT PORTAGE DAM - STATION NO. 02DD016

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1980	---	116 CN JAN 01	13.1 CN MAR 14	1 750 000	1980
1981	---	117 CN JUN 17	10.8 CN APR 14	1 630 000	1981
1982	---	115 CN APR 25	3.01 CN MAY 24	1 540 000	1982
1983	---	142 CN JAN 26	2.90 CN MAR 04	1 740 000	1983
1984	---	141 CN DEC 29	1.49 CN APR 11	1 630 000	1984
1985	---	139 CN JAN 01	3.40 CN NOV 12	1 600 000	1985
1986	---	128 CN OCT 22	2.49 CN APR 04	1 170 000	1986
1987	---	69.1 CN DEC 24	0.714 CN NOV 28 *	433 000	1987
1988	---	208 E CN MAY 01 *	1.19 E CN AUG 11	2 220 000	1988
1989	---	117 E CN JAN 27	1.66 CN NOV 11	1 660 000	1989
1990	---	166 CN DEC 20	2.53 CN JUL 16	2 280 000	1990
	E - ESTIMATED	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		1 600 000	MEAN

GALT CREEK AT GALT - STATION NO. 02GA009

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1913	---	---	---	---	---	---	---	---	---	---	---	---	---	
1914	1.09	0.434	2.50	1.31	0.960	0.373	0.259	0.742	0.764	1.04	1.29	1.07	---	1913
								0.353	0.448	0.396	0.818	1.08	0.839	1914
1915	0.814	1.23	1.99	1.09	0.572	0.394	0.694	1.65	0.939	0.840	0.778	0.645	0.971	
1916	2.44	2.39	1.81	2.93	2.01	1.56	0.463	0.344	---	---	---	---	---	1915
														1916
MEAN	1.45	1.38	2.10	1.78	1.18	0.776	0.472	0.772	0.717	0.759	0.962	0.932	0.905	MEAN

LOCATION - LAT 43 21 37 N LONG 080 18 37 W
DRAINAGE AREA, 117 km²
NATURAL FLOW
DATA CONTRIBUTED BY - ONTARIO HYDRO

GALT CREEK AT GALT - STATION NO. 02GA009

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1913		---	---		
1914	---	8.64 ON MAR 18	0.227 ON JUL 07 *	---	1913
				26 500	1914
1915	---	6.37 ON AUG 05	0.283 ON JUN 29	30 600	
1916	---	9.60 ON MAR 29 *	---	---	1915
					1916
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		28 600	MEAN

GANARASKA RIVER ABOVE DALE - STATION NO. 02HD012

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1976	---	---	---	---	---	---	---	---	---	---	---	1.84	---	
1977	1.33	1.91	7.52	3.64	1.84	1.71	1.52	1.99	2.49	2.85	4.45	4.53	2.99	1976
1978	4.55	1.89	4.43	6.85	3.77	1.96	1.85	1.83	2.11	2.43	2.76	1.86	3.21	1977
1979	2.47	1.69	8.77	5.34	2.99	1.90	1.56	1.81	1.79	2.36	2.79	3.20	3.08	1978
														1979
1980	2.61	1.19	10.0	6.44	2.48	2.82	3.33	2.00	2.47	3.36	3.21	3.36	3.59	1980
1981	4.22	9.45	3.54	3.67	3.19	2.28	2.10	2.24	2.88	3.42	3.60	2.90	3.41	1981
1982	4.67	1.79	8.02	8.25	2.87	3.13	2.08	1.86	2.13	2.30	3.46	3.73	3.52	1982
1983	3.20	4.37	4.10	4.52	4.52	2.23	1.66	1.80	1.78	2.53	3.03	3.27	3.07	1983
1984	2.18	7.30	4.66	6.80	3.36	2.07	1.81	1.65	2.22	2.03	2.67	2.85	3.28	1984
1985	2.08	4.92	5.97	4.52	2.49	2.08	1.76	1.83	2.04	2.23	4.58	2.58	3.07	1985
1986	2.82	1.98	6.00	3.39	2.38	2.22	1.68	2.36	3.85	3.05	2.67	3.91	3.03	1986
1987	2.54	2.35	7.62	5.00	2.56	2.41	2.00	1.92	2.31	2.53	3.37	3.91	3.22	1987
1988	3.52	5.28	7.28	3.87	4.44	2.60	1.45	1.47	1.88	2.26	2.89	2.88	3.06	1988
1989	2.62	1.59	3.61	3.28	3.15	2.44	1.44	1.61	2.06	2.26	3.86	2.63	2.55	1989
1990	3.85	3.73	7.67	4.68	3.43	2.04	1.99	1.70	1.74	2.48	2.32	4.74	3.37	1990
MEAN	2.76	3.52	6.37	5.15	2.96	2.21	1.87	1.86	2.28	2.58	3.26	3.21	3.18	MEAN

LOCATION - LAT 43 59 26 N LONG 078 19 43 W
DRAINAGE AREA, 232 km²
NATURAL FLOW

GANARASKA RIVER ABOVE DALE - STATION NO. 02HD012

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1976	---	---	---		
1977	62.9 AT 12:05 EST ON MAR 13	39.9 ON MAR 13	1.21 ON JUL 20	---	1976
1978	46.4 AT 20:01 EST ON APR 01	26.4 ON APR 01	1.00 B ON DEC 30	94 300	1977
1979	46.1 AT 14:15 EST ON MAR 14	29.4 ON MAR 14	1.27 ON JUL 24	101 000	1978
				97 300	1979
1980	---	128 E ON MAR 21 *	0.990B ON MAR 16 *	114 000	1980
1981	---	47.0B ON FEB 20	1.60 ON JUL 17	108 000	1981
1982	69.9 AT 21:29 EST ON MAR 31	34.1 ON APR 03	1.35 B ON FEB 11	111 000	1982
1983	49.2 AT 05:30 EST ON FEB 03	27.5B ON FEB 03	1.41 ON AUG 21	97 000	1983
1984	100 AT 16:20 EST ON FEB 14	67.0B ON FEB 14	1.37 ON AUG 26	104 000	1984
1985	---	53.0B ON FEB 24	1.39 ON JUL 25	96 900	1985
1986	34.7 AT 07:41 EST ON SEP 11	32.0B ON MAR 19	1.41 ON JUL 22	95 600	1986
1987	32.7 AT 01:30 EST ON APR 05	24.0B ON MAR 02	1.62 ON JUL 28	101 000	1987
1988	---	42.0B ON MAR 26	1.15 ON JUL 09	96 900	1988
1989	---	15.0B ON MAR 26	1.04 B ON MAR 13	80 400	1989
1990	170 AT 10:34 EST ON MAR 12 *	60.0B ON MAR 12	1.45 ON AUG 02	106 000	1990
				100 000	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

GANARASKA RIVER AT PORT HOPE - STATION NO. 02HD001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1945	---	---	---	---	---	---	---	---	---	4.32	3.30	---	---	1945
1946	---	---	21.4	2.32	2.58	1.62	1.25	1.37	1.90	2.35	2.41	3.33	---	1946
1947	4.23	2.98	---	8.87	4.71	3.30	2.48	2.30	2.14	2.16	2.62	4.93	---	1947
1948	---	---	20.3	2.50	4.93	2.67	2.35	2.30	2.12	2.77	3.71	2.89	---	1948
1949	5.48	24.1	5.45	4.49	2.37	1.82	1.73	1.80	2.29	2.47	2.62	3.36	4.70	1949
1950	3.23	0.986	19.8	11.2	2.51	2.24	1.77	2.11	1.89	1.72	1.72	2.92	4.37	1950
1951	7.31	8.25	10.5	7.69	0.836	1.02	1.42	1.76	2.00	1.54	---	---	---	1951
MEAN	5.06	9.09	15.5	6.69	2.84	2.45	1.97	1.94	2.06	2.48	2.73	3.49	4.54	MEAN

LOCATION - LAT 43 58 06 N LONG 078 17 43 W DRAINAGE AREA, 267 km² NATURAL FLOW

GANARASKA RIVER AT PORT HOPE - STATION NO. 02HD001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1945	---	---	---	---	1945
1946	---	83.5B ON MAR 07	0.850 ON SEP 07	---	1946
1947	---	---	---	---	1947
1948	---	87.2B ON MAR 19	1.64 ON SEP 04	---	1948
1949	---	113 B ON FEB 15 *	1.13 B ON DEC 29	148 000	1949
1950	---	97.4B ON MAR 25	0.538B ON JAN 19 *	138 000	1950
1951	---	36.2B ON JAN 21	---	---	1951
	B - ICE CONDITIONS	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		143 000	MEAN

GANARASKA RIVER NEAR DALE - STATION NO. 02HD002

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1950	---	---	---	---	---	---	1.30	1.20	1.23	1.46	1.93	2.97	---	1950
1951	7.08	8.03	6.03	7.77	2.72	2.44	2.44	1.47	1.92	2.11	3.83	3.08	4.05	1951
1952	5.95	5.56	11.9	8.98	6.56	3.15	2.43	2.49	2.60	2.40	3.43	4.01	4.96	1952
1953	3.06	2.72	5.51	3.97	4.67	2.34	2.18	1.73	2.30	1.93	2.84	4.48	2.96	1953
1954	2.55	11.1	7.61	7.54	2.58	1.78	1.26	1.55	2.17	3.14	3.88	5.21	4.15	1954
1955	4.59	2.83	14.7	5.48	2.14	1.03	1.03	1.53	1.17	4.75	3.69	2.37	3.79	1955
1956	2.99	2.76	9.93	9.92	5.38	2.29	1.42	1.21	1.99	1.28	1.48	2.67	3.60	1956
1957	5.50	5.44	6.08	6.07	4.25	3.42	1.63	1.24	2.07	1.97	2.60	4.89	3.75	1957
1958	2.48	1.69	8.44	4.02	1.98	1.84	1.01	0.996	1.55	1.48	2.04	2.48	2.52	1958
1959	2.12	2.62	7.25	11.8	3.99	1.53	1.23	1.21	1.38	1.98	2.43	3.24	3.40	1959
1960	2.00	4.26	3.61	12.1	7.79	3.53	2.81	2.14	1.84	2.11	2.92	2.01	3.92	1960
1961	1.48	5.49	6.79	5.19	3.05	2.15	2.21	1.94	1.81	1.73	2.27	2.32	3.10	1961
1962	2.40	2.15	6.37	3.45	2.58	1.63	1.48	1.50	1.59	2.05	2.75	1.77	2.48	1962
1963	1.69	1.67	6.62	3.40	3.77	1.63	1.35	1.53	1.61	1.45	1.86	2.31	2.42	1963
1964	2.72	2.21	4.35	3.61	2.18	1.50	2.02	1.73	1.52	1.45	1.41	3.39	2.33	1964
1965	2.35	6.20	6.11	8.58	2.03	1.27	1.73	1.37	1.41	2.62	3.48	3.74	3.38	1965
1966	2.03	3.55	7.22	3.51	2.47	1.63	1.01	1.21	1.48	1.35	3.40	4.09	2.74	1966
1967	4.82	2.13	6.14	5.65	3.10	3.28	2.50	1.76	2.03	3.42	4.48	4.02	3.63	1967
1968	2.95	4.91	8.65	3.71	3.48	2.22	1.52	1.72	1.81	1.94	3.05	3.42	3.28	1968
1969	6.40	3.74	6.73	5.91	3.86	2.26	1.91	2.19	1.47	1.86	2.79	2.86	3.50	1969
1970	1.82	2.75	4.99	5.81	3.11	1.98	1.94	1.62	1.79	2.16	2.89	3.11	2.83	1970
1971	2.01	1.28	4.10	3.17	2.61	2.32	1.86	1.71	1.97	2.09	2.18	3.15	3.03	1971
1972	5.47	5.01	4.82	13.4	3.34	2.41	2.24	2.33	1.92	2.76	3.58	4.36	3.88	1972
1973	4.70	4.02	9.46	6.05	4.08	2.84	1.74	1.91	1.85	2.30	3.35	2.65	3.66	1973
1974	3.52	2.71	5.62	6.25	4.36	2.62	2.54	1.99	2.06	2.25	2.70	2.67	3.28	1974
1975	3.27	5.13	8.37	5.51	---	---	---	---	---	---	---	---	---	1975
MEAN	3.35	3.97	7.06	6.67	3.58	2.25	1.79	1.65	1.77	2.16	2.84	3.17	3.36	MEAN

LOCATION - LAT 43 59 07 N LONG 078 18 06 W DRAINAGE AREA, 262 km² NATURAL FLOW

GANARASKA RIVER NEAR DALE - STATION NO. 02HD002

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1950	---	---	---	---	1950
1951	---	51.3 ON JAN 04	0.736 ON SEP 28	128 000	1951
1952	---	85.8B ON MAR 11	1.10 ON SEP 14	157 000	1952
1953	---	24.2 ON MAY 02	1.08 ON AUG 22	93 200	1953
1954	---	54.9B ON FEB 16	0.991 ON JUL 19	131 000	1954
1955	---	96.8 ON MAR 11 *	0.481 ON JUL 13 *	120 000	1955
1956	---	60.9B ON MAR 05	0.623 ON AUG 11	114 000	1956
1957	---	43.9 ON FEB 27	0.878 ON OCT 12	118 000	1957
1958	---	12.7B ON MAR 02	0.510 ON AUG 01	79 500	1958
1959	---	90.3B ON APR 02	0.787 ON AUG 01	107 000	1959
1960	84.7 AT 19:00 EST ON MAY 09	48.7 ON MAY 09	1.53 B ON DEC 26	124 000	1960
1961	33.1 AT 22:00 EST ON MAR 25	16.7 ON MAR 25	1.27 B ON FEB 01	97 700	1961
1962	29.7 AT 16:30 EST ON NOV 10	14.1 ON NOV 10	1.17 ON JUL 14	78 200	1962
1963	68.8B AT 06:00 EST ON MAR 25	28.2B ON MAR 25	1.09 ON JUL 13	76 200	1963
1964	---	27.1 ON DEC 25	1.05 ON AUG 17	73 600	1964
1965	77.9 AT 23:00 EST ON APR 07	45.0B ON FEB 10	1.02 ON JUN 27	107 000	1965
1966	47.6B AT 15:00 EST ON MAR 01	28.3B ON MAR 01	0.799 ON AUG 10	86 400	1966
1967	40.8 AT 04:00 EST ON APR 03	22.9B ON JAN 25	1.37 ON JUN 05	114 000	1967
1968	40.5B AT 16:00 EST ON FEB 02	27.2B ON MAR 17	1.22 ON JUL 30	104 000	1968
1969	47.3B AT 17:00 EST ON MAR 18	25.6B ON JAN 31	1.14 ON JUL 23	110 000	1969
1970	19.6 AT 18:00 EST ON APR 20	11.3 ON MAR 26	1.31 ON AUG 10	89 200	1970
1971	30.3 AT 23:30 EST ON APR 09	20.6 ON APR 10	1.41 ON AUG 08	95 400	1971
1972	53.2 AT 13:00 EST ON APR 13	42.5 ON APR 13	1.42 B ON DEC 03	123 000	1972
1973	---	23.8 ON APR 02	1.32 ON JUL 24	115 000	1973
1974	52.4 AT 10:28 EST ON APR 04	38.5B ON MAR 05	1.27 B ON JAN 18	103 000	1974
1975	87.8 AT 22:53 EST ON MAR 19 *	46.2 ON MAR 19	---	---	1975
	B - ICE CONDITIONS	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		106 000	MEAN

GANARASKA RIVER NEAR OSACA - STATION NO. 02HD003

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1958	---	---	---	---	---	---	---	0.581	0.779	0.768	---	---	---	1958
1959	---	---	---	---	---	---	---	---	---	0.801	0.839	1.14	---	1959
1960	0.739	1.51	1.04	3.39	2.18	1.15	0.878	0.812	0.727	0.878	1.16	0.824	1.27	1960
1961	0.785	1.83	1.60	1.61	1.28	1.16	0.760	0.658	0.685	0.625	0.848	1.01	1.06	1961
1962	0.987	0.805	1.84	1.34	0.990	0.787	0.678	0.564	0.533	0.968	1.36	0.743	0.967	1962
1963	0.545	0.555	2.04	1.38	1.38	0.701	0.582	0.621	0.626	0.630	0.909	1.15	0.930	1963
1964	1.35	0.880	1.50	1.48	0.862	0.648	0.999	0.901	0.551	0.676	0.768	1.37	1.00	1964
1965	1.04	2.76	2.77	2.56	0.839	0.543	0.638	0.492	0.584	0.990	1.29	1.76	1.35	1965
1966	0.779	1.07	2.24	1.11	0.890	0.695	0.399	0.456	0.587	0.618	1.27	1.33	0.937	1966
1967	1.62	0.821	2.22	1.85	0.995	1.09	0.914	0.686	0.606	1.02	1.26	1.25	1.20	1967
1968	1.12	1.55	2.87	1.46	1.21	0.831	0.560	0.715	0.724	0.782	1.25	1.18	1.19	1968
1969	2.33	1.41	1.84	1.64	1.18	0.868	0.787	0.882	0.635	0.770	1.05	0.893	1.19	1969
1970	0.588	0.907	1.92	1.82	1.11	0.813	0.750	0.546	0.623	0.824	1.04	1.02	0.996	1970
1971	0.819	1.36	1.20	2.40	0.947	0.807	0.679	0.593	0.692	0.748	0.833	1.12	1.01	1971
1972	1.15	0.597	1.13	3.80	1.20	0.920	0.841	0.912	0.764	1.04	1.25	1.38	1.25	1972
1973	1.24	1.03	2.60	1.63	1.29	0.931	0.614	0.699	0.664	0.894	1.25	0.942	1.15	1973
1974	1.36	1.16	1.97	1.87	1.39	0.931	0.914	0.710	0.721	0.821	1.06	0.948	1.15	1974
1975	1.14	1.30	2.29	1.53	0.904	0.767	0.654	0.610	0.738	0.674	0.822	0.889	1.03	1975
1976	1.00	1.27	2.29	1.63	1.19	0.983	0.865	0.658	0.778	0.871	0.905	0.677	1.11	1976
1977	0.475	0.685	2.43	1.35	0.747	0.720	0.619	0.802	0.959	0.991	1.52	1.29	1.05	1977
1978	1.02	0.437	1.12	2.91	1.41	0.849	0.804	0.811	0.986	1.11	1.15	0.893	1.13	1978
1979	0.765	0.552	2.64	1.89	1.21	0.836	0.711	0.845	0.795	0.958	1.08	1.11	1.12	1979
1980	0.825	0.381	2.68	2.02	1.12	1.36	1.03	0.886	1.11	1.37	1.27	1.16	1.27	1980
1981	0.919	3.42	1.30	1.33	1.25	0.950	0.935	0.961	1.21	1.43	1.35	1.10	1.33	1981
1982	0.805	0.450	1.59	2.93	1.09	1.30	0.879	0.726	0.845	0.875	1.22	1.29	1.17	1982
1983	1.13	1.72	1.46	1.71	1.52	0.877	0.668	0.773	0.771	1.00	1.29	1.22	1.17	1983
1984	0.666	2.40	1.90	2.41	1.42	0.888	0.807	0.809	1.05	0.938	1.21	1.30	1.31	1984
1985	0.744	1.73	2.14	1.90	1.09	0.917	0.747	0.771	0.897	0.965	1.03	1.10	1.23	1985
1986	1.01	0.800	2.18	1.43	1.10	1.01	0.725	1.06	1.52	1.30	1.16	1.51	1.24	1986
1987	1.02	0.767	2.03	1.84	0.919	0.892	0.716	0.697	0.870	0.977	1.19	1.34	1.10	1987
1988	1.26	1.77	2.01	1.59	1.03	0.719	0.637	0.557	0.701	0.965	1.16	1.00	1.11	1988
1989	0.559	0.526	1.38	1.27	1.24	1.02	0.582	0.615	0.804	0.885	1.43	0.792	0.927	1989
1990	2.08	2.14	2.87	1.60	1.33	0.913	0.779	0.658	0.691	1.02	0.956	1.79	1.40	1990
MEAN	1.03	1.24	1.97	1.88	1.18	0.899	0.747	0.721	0.791	0.915	1.15	1.14	1.14	MEAN

LOCATION - LAT 44 00 56 N LONG 078 26 17 W DRAINAGE AREA, 67.3 km^2 REGULATED

GANARASKA RIVER NEAR OSACA - STATION NO. 02HD003

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1958	---	---	---	---	1958
1959	---	---	---	---	1959
1960	---	10.1 ON MAY 09	0.651B ON JAN 24	40 100	1960
1961	---	6.26B ON FEB 26	0.510B ON FEB 02	33 600	1961
1962	---	11.8 ON NOV 10	0.221 ON SEP 15 *	30 500	1962
1963	---	8.50B ON MAR 25	0.419 ON JUL 27	29 300	1963
1964	---	8.47 ON JUL 13	0.399 ON JUL 31	31 600	1964
1965	---	19.8 B ON FEB 10	0.419 ON JUL 29	42 400	1965
1966	---	11.3 B ON MAR 01	0.292 ON JUL 26	29 500	1966
1967	---	7.65 ON JAN 25	0.396B ON JAN 20	37 900	1967
1968	18.5 B AT 19:00 EST ON MAR 18	9.06B ON MAR 17	0.408 ON JUL 29	37 500	1968
1969	15.2 B AT 20:58 EST ON MAR 18	8.21B ON JAN 31	0.422 ON JUL 22	37 500	1969
1970	8.47 AT 14:59 EST ON APR 20	3.65 ON MAR 20	0.405 ON AUG 15	31 400	1970
1971	8.18 AT 23:16 EST ON APR 09	5.18 ON APR 10	0.501 ON AUG 07	31 900	1971
1972	14.1 AT 12:00 EST ON APR 13	10.2 ON APR 12	0.453B ON FEB 20	39 500	1972
1973	---	10.2 B ON MAR 04	0.490 ON JUL 22	36 200	1973
1974	17.8 AT 07:33 EST ON APR 04	11.6 E ON MAR 05	0.524B ON JAN 18	36 400	1974
1975	20.1 AT 21:19 EST ON MAR 19	11.4 ON MAR 19	0.261B ON FEB 15	32 300	1975
1976	14.8 AT 08:40 EST ON MAR 21	12.1 ON MAR 21	0.487B ON DEC 30	35 100	1976
1977	20.9 AT 10:14 EST ON MAR 13	13.0 ON MAR 13	0.439B ON JAN 17	33 100	1977
1978	11.6 AT 21:36 EST ON JUL 22	8.35 ON APR 07	0.334B ON MAR 13	35 600	1978
1979	13.0 AT 11:30 EST ON MAR 14	8.61 ON MAR 14	0.450B ON FEB 12	35 300	1979
1980	---	33.0 E ON MAR 21 *	0.348B ON MAR 16	40 200	1980
1981	---	12.5 B ON FEB 20	0.644 ON JUL 17	42 000	1981
1982	---	20.0 E ON APR 03	0.360B ON MAR 03	36 900	1982
1983	25.9 AT 00:00 EST ON FEB 03	9.20E ON FEB 03	0.576 ON JUL 26	37 000	1983
1984	26.1 AT 10:33 EST ON APR 05	20.0 B ON FEB 14	0.560B ON JAN 20	41 400	1984
1985	---	13.5 B ON FEB 24	0.583 ON AUG 06	38 800	1985
1986	13.5 AT 04:39 EST ON SEP 11	11.3 E ON MAR 19	0.605 ON JUL 24	39 000	1986
1987	8.22 AT 23:00 EST ON APR 04	5.60B ON MAR 02	0.555 ON JUL 29	34 700	1987
1988	---	11.4 B ON MAR 26	0.355 ON AUG 14	35 000	1988
1989	---	5.00B ON MAR 26	0.395B ON JAN 22	29 200	1989
1990	51.7 AT 10:01 EST ON MAR 12 *	24.5 B ON MAR 12	0.541 ON AUG 02	44 200	1990
	B - ICE CONDITIONS E - ESTIMATED	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		36 000	MEAN

GANATSEKIAGON CREEK NEAR BROUGHAM - STATION NO. 02HC042

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1974	---	---	---	---	---	---	---	0	0	0	0	0	---	1974
1975	0.001	0.033	0.009	0.004	0	0	0	0	0	0	0	0	0.004	1975
1976	0	0.031	0.107	0.016	0.019	0.001	---	---	---	---	---	---	---	1976
MEAN	0.001	0.032	0.058	0.010	0.010	0.001	0	0	0	0	0	0	0.004	MEAN

LOCATION - LAT 43 54 41 N
LONG 079 08 22 W NATURAL FLOW

GANATSEKIAGON CREEK NEAR BROUGHAM - STATION NO. 02HC042

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1974	---	---	0 ON JUL 18 *	---	1974
1975	1.43 AT 14:40 EST ON FEB 24	0.558 ON FEB 24	0 ON JAN 01	115	1975
1976	1.68 AT 15:11 EST ON MAR 20 *	0.699 ON MAR 20 *	0 ON JAN 01	---	1976
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		115	MEAN

GANATSEKIAGON CREEK NEAR PICKERING - STATION NO. 02HC114

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1976	---	---	---	---	---	---	0.069	0.058	0.043	0.049	0.045	0.048	---	1976
1977	---	---	0.391	0.204	0.051	0.033	0.033	0.032	0.065	0.122	0.222	---	---	1977
1978	---	---	---	0.307	0.176	0.080	0.035	0.036	0.036	0.035	---	---	---	1978
1979	---	---	---	0.288	0.095	0.039	0.033	0.030	0.023	0.029	0.045	0.136	---	1979
1980	---	---	---	---	0.080	0.063	0.064	0.038	0.045	0.059	0.063	---	---	1980
1981	---	---	0.112	0.103	0.062	0.040	0.027	0.044	---	---	0.155	---	---	1981
MEAN	---	---	0.252	0.276	0.093	0.045	0.044	0.040	0.042	0.059	0.106	0.092	---	MEAN

LOCATION - LAT 43 51 35 N DRAINAGE AREA, 13.5 km^2
LONG 079 05 10 W NATURAL FLOW

DATA CONTRIBUTED BY -
ONTARIO MINISTRY OF THE ENVIRONMENT

GANATSEKIAGON CREEK NEAR PICKERING - STATION NO. 02HC114

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1976	---	---	0.034 ON SEP 06	---	1976
1977	---	1.66 ON MAR 13	0.014 ON JUL 26	---	1977
1978	---	2.35 ON APR 07 *	0.027 ON SEP 02	---	1978
1979	---	1.53 ON DEC 25	0.012 ON SEP 27 *	---	1979
1980	---	---	---	---	1980
1981	---	---	0.015 ON JUL 11	---	1981
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		---	MEAN

GORING DRAIN AT CONCESSION #13 (PITTOCK TEST) - STATION NO. 02GD025

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1988	---	---	---	---	---	---	---	---	---	0.001	0.033	0.020	---	1988
1989	0.037	0.010	0.067	0.067	0.004	0.012	0	0	0	0	0.008	0.001	0.017	1989
1990	0.060	0.081	0.091	0.023	0.027	0.002	0.011	0.007	0.013	0.067	0.081	0.096	0.047	1990
MEAN	0.049	0.046	0.079	0.045	0.016	0.007	0.006	0.004	0.007	0.023	0.041	0.039	0.032	MEAN

LOCATION - LAT 43 17 05 N LONG 080 49 16 W DRAINAGE AREA, 3.51 km^2 NATURAL FLOW

REMARKS - STATION ACTIVATED AUGUST, 1988

GORING DRAIN AT CONCESSION #13 (PITTOCK TEST) - STATION NO. 02GD025

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1988	---	---	---	---	1988
1989	0.449 AT 00:45 EST ON MAR 29	0.331 ON MAR 29	0 ON JUL 06 *	541	1989
1990	0.918 AT 20:30 EST ON DEC 29 *	0.539 ON DEC 30 *	0 ON JUL 02	1 470	1990
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		1 010	MEAN

GOULAIS RIVER NEAR SEARCHMONT - STATION NO. 02BF002

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1967	---	---	---	---	---	---	---	---	---	---	21.5	12.3	---	1967
1968	9.00	6.23	11.6	92.5	27.3	26.9	10.4	12.4	22.8	34.3	10.8	15.4	23.9	1968
1969	11.9	7.60	4.95	59.1	37.1	29.0	13.6	4.52	2.62	20.6	19.5	9.77	18.3	1969
1970	4.80	3.01	2.72	21.0	40.5	38.6	20.0	8.90	24.4	20.9	17.7	16.1	18.3	1970
1971	7.29	5.10	10.5	55.5	71.4	17.0	4.78	4.23	5.09	15.3	26.9	17.5	20.1	1971
1972	10.0	5.56	5.21	23.8	90.7	13.4	10.5	34.7	18.0	15.0	13.1	8.54	20.0	1972
1973	10.1	7.42	27.4	61.4	35.9	46.9	7.23	22.2	9.29	11.3	13.9	9.93	19.4	1973
1974	5.65	4.55	5.50	58.0	45.5	26.9	6.98	7.39	16.5	20.1	27.5	13.6	19.9	1974
1975	10.5	7.19	5.09	33.7	75.9	31.3	7.60	2.47	4.05	5.46	17.9	19.7	18.5	1975
1976	6.29	3.47	20.4	104	29.8	11.4	3.38	1.10	1.10	1.21	1.81	1.84	15.4	1976
1977	1.73	1.81	10.3	93.7	16.7	4.73	9.15	6.86	19.1	26.7	34.7	12.3	19.8	1977
1978	6.48	4.23	3.05	18.0	57.5	24.8	7.28	11.4	19.2	33.7	13.3	9.24	17.4	1978
1979	5.82	4.02	12.1	90.3	47.0	17.0	8.96	11.9	5.95	32.3	35.6	13.9	23.7	1979
1980	9.28	5.66	3.98	56.8	23.0	15.4	10.1	5.30	10.8	15.8	12.8	8.34	14.7	1980
1981	5.00	5.91	6.31	81.9	23.3	28.6	15.4	4.69	2.45	10.0	10.5	6.19	16.8	1981
1982	4.07	3.09	4.31	40.9	67.0	8.31	4.49	2.61	11.5	30.9	25.1	18.9	18.5	1982
1983	12.4	7.64	17.2	46.3	66.5	38.2	4.45	3.03	4.96	23.2	10.2	11.6	20.2	1983
1984	6.94	8.25	8.11	59.1	23.2	14.4	22.5	7.00	10.4	21.5	39.0	21.2	20.1	1984
1985	8.06	5.30	6.63	81.5	52.6	17.9	7.28	3.61	6.63	18.6	21.8	10.1	20.1	1985
1986	5.18	3.95	6.27	66.2	22.6	14.4	28.7	23.2	27.0	31.8	15.4	9.45	21.2	1986
1987	5.85	4.38	9.35	32.6	14.9	9.85	4.43	3.83	3.63	13.6	15.5	15.2	11.2	1987
1988	8.73	6.29	6.40	90.6	37.4	6.03	2.03	16.7	14.7	30.8	67.4	25.0	25.9	1988
1989	10.5	5.82	5.19	48.7	61.2	30.4	4.90	2.84	2.63	3.07	18.0	7.55	16.7	1989
1990	4.71	5.04	24.9	51.4	58.7	19.4	17.1	3.76	3.26	23.9	23.0	14.9	20.9	1990
MEAN	7.44	5.28	9.54	59.5	44.2	20.0	10.1	8.90	10.7	20.0	22.0	12.9	19.2	MEAN

LOCATION - LAT 46 51 37 N LONG 083 58 18 W DRAINAGE AREA, 1 160 km^2 NATURAL FLOW

GOULAIS RIVER NEAR SEARCHMONT - STATION NO. 02BF002

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1967	---	---	---	---	1967
1968	---	238 ON APR 15	3.88 ON AUG 15	755 000	1968
1969	337 AT 06:00 EST ON JUN 27	211 ON JUN 27	1.50 ON SEP 14	579 000	1969
1970	187 AT 12:25 EST ON JUN 01	182 ON JUN 01	2.10 B ON APR 07	577 000	1970
1971	132 AT 02:01 EST ON APR 21	129 ON APR 21	2.70 ON SEP 19	634 000	1971
1972	180 AT 09:19 EST ON MAY 03	176 ON MAY 03	4.53 B ON MAR 04	632 000	1972
1973	173 AT 20:06 EST ON APR 21	153 ON APR 22	3.09 ON JUL 25	611 000	1973
1974	169 AT 00:21 EST ON APR 30	161 ON APR 29	3.40 ON JUL 29	626 000	1974
1975	235 AT 12:40 EST ON MAY 01	208 ON MAY 01	0.711 ON SEP 04	582 000	1975
1976	---	235 E ON APR 19	0.697 ON AUG 31 *	487 000	1976
1977	---	224 E ON APR 19	1.70 B ON JAN 14	624 000	1977
1978	114 AT 08:00 EST ON MAY 13	109 ON MAY 13	2.86 B ON MAR 23	550 000	1978
1979	370 AT 12:05 EST ON APR 26 *	353 ON APR 26 *	3.16 ON JUL 24	749 000	1979
1980	120 AT 16:17 EST ON APR 10	106 B ON APR 10	3.44 ON SEP 05	465 000	1980
1981	142 AT 02:14 EST ON APR 05	200 ON APR 05	1.79 ON SEP 25	530 000	1981
1982	194 AT 01:07 EST ON MAY 02	182 ON MAY 02	1.64 ON AUG 18	584 000	1982
1983	117 AT 00:44 EST ON MAY 03	113 ON MAY 03	1.09 ON SEP 04	668 000	1983
1984	135 AT 23:27 EST ON APR 16	130 ON APR 16	3.79 ON SEP 07	635 000	1984
1985	342 AT 04:26 EST ON APR 25	321 ON APR 25	2.93 ON AUG 31	633 000	1985
1986	121 AT 04:39 EST ON APR 20	117 ON APR 20	3.20 B ON MAR 06	670 000	1986
1987	52.3 AT 05:15 EST ON APR 12	51.1 ON APR 12	1.85 ON AUG 13	353 000	1987
1988	203 AT 18:23 EST ON APR 07	194 ON APR 07	1.78 ON AUG 02	820 000	1988
1989	154 AT 01:58 EST ON APR 28	146 ON APR 28	1.77 ON OCT 01 *	528 000	1989
1990	173 AT 01:41 EST ON APR 26	163 ON APR 26	1.76 ON SEP 11	660 000	1990
				607 000	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

GRAHAM CREEK AT NEPEAN - STATION NO. 02KF015

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1987	---	---	---	---	---	---	---	---	---	---	0.203	---	---	1987
1988	---	---	---	0.451	0.153	0.069	0.096	0.112	0.070	0.229	0.396	---	---	1988
1989	---	---	0.434	0.338	0.285	0.118	0.052	0.041	0.049	0.058	0.275	---	---	1989
1990	---	---	---	0.529	0.140	0.050	0.082	0.109	0.099	0.413	0.303	---	---	1990
MEAN	---	---	0.434	0.439	0.193	0.079	0.077	0.087	0.073	0.233	0.294	---	---	MEAN

LOCATION - LAT 45 20 33 N LONG 075 48 30 W
DRAINAGE AREA, 26.5 km^2
NATURAL FLOW

REMARKS - STATION ACTIVATED OCT 07 1987. SEASONAL OPERATION (APR 01-DEC 15)

GRAHAM CREEK AT NEPEAN - STATION NO. 02KF015

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1987	---	---	---	---	1987
1988	5.21E AT 19:49 EST ON SEP 17	2.51 ON MAR 26	0.033 ON JUN 18	---	1988
1989	8.00E AT 22:57 EST ON MAR 28 *	3.01 ON MAR 28 *	0.029 ON OCT 04 *	---	1989
1990	4.91E AT 22:13 EST ON AUG 28	---	---	---	1990
				---	MEAN

E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

GRAND RIVER ABOVE LAKE BELWOOD - STATION NO. 02GA027

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1961	---	---	---	---	---	---	---	---	---	0.271	1.38	3.22	---	1961
1962	0.553	0.621	13.3	21.4	1.31	0.950	1.56	0.453	0.183	2.08	9.21	6.51	4.91	1962
1963	1.06	0.531	24.8	12.0	9.59	1.72	2.76	0.621	0.215	0.165	0.643	0.559	4.60	1963
1964	1.89	2.59	15.0	14.8	2.97	1.42	1.66	0.684	0.300	0.213	0.337	2.79	3.72	1964
MEAN	1.17	1.25	17.7	16.1	4.62	1.36	1.99	0.579	0.233	0.682	3.07	3.27	4.41	MEAN

LOCATION - LAT 43 49 45 N LONG 080 17 58 W
DRAINAGE AREA, 749 km^2
REGULATED

GRAND RIVER ABOVE LAKE BELWOOD - STATION NO. 02GA027

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1961	---	---	---	---	1961
1962	---	175 ON MAR 30 *	0.082 ON SEP 04 *	155 000	1962
1963	---	171 B ON MAR 27	0.130 ON SEP 11	145 000	1963
1964	---	94.9 ON APR 08	0.147 ON OCT 18	118 000	1964
				139 000	MEAN

B - ICE CONDITIONS
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

GRAND RIVER AT BELWOOD - STATION NO. 02GA001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1913	---	---	---	---	---	---	---	0.142	0.140	0.270	1.53	1.10	---	1913
1914	1.06	1.47	22.1	15.2	2.73	0.221	0.114	0.166	0.191	0.284	2.18	3.67	4.13	1914
1915	2.24	5.09	28.2	20.6	2.15	0.601	0.987	7.91	11.2	6.37	6.86	4.50	8.07	1915
1916	32.2	7.74	14.7	49.1	8.14	4.92	0.302	0.111	0.096	0.249	0.517	2.83	10.0	1916
1917	0.540	0.426	37.3	26.3	5.47	3.28	15.8	0.515	0.107	0.683	0.707	0.355	7.60	1917
1918	0.052	4.31	51.7	14.3	2.93	0.907	0.148	0.118	2.04	3.80	6.66	17.2	8.75	1918
1919	8.81	2.61	42.3	19.8	14.4	1.79	0.275	0.247	0.246	0.487	3.75	2.65	8.18	1919
1920	0.447	0.369	37.2	16.7	2.63	5.22	4.06	0.861	0.277	1.07	6.88	16.2	7.70	1920
1921	10.2	3.05	40.6	15.6	2.68	1.61	3.03	0.194	0.172	1.53	2.01	8.15	7.46	1921
1922	3.08	4.86	33.1	47.3	1.97	0.514	0.308	0.139	0.217	0.204	0.183	0.209	7.64	1922
1923	0.368	0.340	13.7	49.6	19.5	---	---	0.384	0.227	---	---	---	---	1923
MEAN	5.90	3.02	32.1	27.4	6.26	2.12	2.78	0.981	1.36	1.49	3.13	5.69	7.73	MEAN

LOCATION - LAT 43 47 25 N LONG 080 19 00 W
DRAINAGE AREA, 769 km²
NATURAL FLOW

GRAND RIVER AT BELWOOD - STATION NO. 02GA001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1913	---	---	---	---	1913
1914	---	122 ON MAR 30	0.085 ON JUL 22	130 000	1914
1915	---	78.4 ON APR 11	0.113 ON JUL 02	254 000	1915
1916	---	147 ON JAN 28	0 B ON DEC 21 *	318 000	1916
1917	---	248 ON MAR 27 *	0.028 ON SEP 23	240 000	1917
1918	---	107 ON MAR 21	0 B ON JAN 17	276 000	1918
1919	---	218 E ON MAR 18	0.113 ON AUG 09	258 000	1919
1920	---	109 ON MAR 25	0.057 ON MAY 31	243 000	1920
1921	---	117 ON MAR 21	0.085 ON JUL 17	235 000	1921
1922	---	139 B ON MAR 07	0.028 ON AUG 23	241 000	1922
1923	---	216 ON APR 06	---	---	1923
				244 000	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

GRAND RIVER AT BRANTFORD - STATION NO. 02GB001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1913	---	---	---	---	---	---	---	11.6	9.35	14.6	40.4	20.0	---	1913
1914	25.6	50.0	128	86.6	28.3	13.7	6.79	5.95	9.65	9.88	17.7	23.6	33.7	1914
1915	18.9	47.4	110	96.9	25.0	21.7	19.2	66.8	62.7	42.8	46.7	32.2	49.1	1915
1916	190	54.1	87.0	182	92.1	93.4	17.9	12.5	8.37	14.1	16.2	18.8	64.6	1916
1917	22.6	18.3	186	122	52.0	50.7	136	13.8	8.21	15.2	18.1	15.9	55.3	1917
1918	7.31	159	394	82.8	24.4	14.3	6.53	5.57	28.4	24.3	35.8	89.7	72.3	1918
1919	27.8	18.6	193	105	110	23.2	10.6	9.87	11.2	12.8	25.3	28.4	48.3	1919
1920	11.8	11.0	207	92.5	21.6	16.7	18.0	11.1	9.01	13.7	41.0	77.7	44.5	1920
1921	20.4	26.1	192	102	81.9	28.3	31.4	16.0	11.5	28.9	37.3	58.0	53.9	1921
1922	20.7	62.0	161	252	42.3	28.0	13.6	12.2	13.4	13.7	15.9	---	---	1922
1923	---	---	---	205	106	30.4	14.0	9.52	13.7	---	---	---	---	1923
1947	---	---	---	---	---	---	---	---	---	17.9	18.6	35.3	---	1947
1948	21.7	39.9	296	74.2	47.4	17.7	22.5	14.8	12.9	7.94	23.1	15.0	49.7	1948
1949	67.8	100	144	60.5	19.2	15.9	13.3	10.7	13.2	14.3	10.7	100	47.3	1949
1950	151	46.2	143	191	25.7	18.7	19.6	18.8	17.9	17.5	39.4	102	66.1	1950
1951	99.4	71.1	168	208	36.9	25.2	33.3	18.1	20.5	29.4	77.0	49.5	69.6	1951
1952	108	58.5	124	142	34.5	20.0	20.6	14.1	13.9	12.0	17.0	37.6	50.2	1952
1953	44.1	44.2	137	51.5	92.9	72.4	31.5	18.5	14.9	14.5	15.0	20.5	46.5	1953
1954	16.5	130	165	154	35.8	21.6	17.1	16.6	17.0	139	46.6	45.3	66.6	1954
1955	55.0	22.2	150	148	30.5	20.4	15.1	15.6	13.2	17.8	56.4	42.5	48.9	1955
1956	20.6	18.1	110	250	168	34.7	39.5	69.0	71.6	36.5	31.5	57.5	75.7	1956
1957	44.4	60.9	98.6	99.4	40.6	39.9	48.7	21.3	26.0	22.0	52.4	111	56.0	1957
1958	20.4	19.5	65.5	48.3	24.2	21.1	20.9	13.7	19.4	13.3	25.3	17.2	26.4	1958
1959	23.7	30.3	94.6	235	55.5	22.9	21.8	19.9	20.1	40.0	64.1	53.2	56.7	1959
1960	39.7	43.4	38.5	296	131	46.4	26.2	24.6	23.1	22.8	21.0	11.1	60.0	1960
1961	6.39	44.3	55.1	61.9	50.5	29.7	23.3	24.1	22.9	21.4	25.6	30.7	32.9	1961
1962	17.3	12.2	94.4	79.2	22.0	20.6	17.6	20.6	18.2	23.2	43.2	38.9	34.0	1962
1963	19.4	15.9	116	65.6	49.5	20.0	18.3	16.6	16.3	13.8	15.7	12.7	31.8	1963
1964	24.3	19.9	71.8	60.7	29.5	17.4	19.7	33.2	23.2	22.6	22.9	41.0	32.3	1964
1965	42.0	103	85.2	194	50.6	17.2	18.9	16.3	16.5	39.9	69.5	106	62.8	1965
1966	51.0	47.2	95.8	57.5	43.1	36.8	20.4	21.7	20.6	17.9	37.4	75.2	43.7	1966
1967	58.9	55.5	93.0	170	40.7	84.3	68.2	26.0	29.0	64.6	98.8	129	76.5	1967
1968	60.3	102	148	62.0	37.7	28.1	21.8	42.4	47.6	49.4	74.6	78.6	62.6	1968
1969	61.8	75.3	111	202	87.5	31.7	27.2	26.0	20.5	19.9	34.8	21.0	59.7	1969
1970	15.3	23.1	49.0	153	47.5	23.3	28.1	25.2	29.4	32.1	49.9	80.4	46.4	1970
1971	35.6	37.4	81.3	194	33.6	28.8	26.3	27.4	21.5	20.0	15.9	34.6	46.2	1971
1972	33.4	25.3	75.2	254	49.6	30.0	34.8	27.7	23.6	36.1	48.3	54.4	58.2	1972
1973	79.7	56.4	224	90.7	62.2	37.8	24.7	25.0	20.7	19.9	44.8	45.1	61.3	1973
1974	78.3	62.0	154	144	148	37.7	24.7	19.1	19.7	21.9	28.8	20.4	63.3	1974
1975	36.5	58.9	116	187	42.1	36.0	20.9	41.2	33.3	25.9	37.0	66.7	58.3	1975
1976	35.8	115	277	110	82.1	29.7	41.3	30.9	34.0	40.7	40.9	29.6	72.2	1976
1977	19.4	18.2	199	87.4	28.6	20.1	22.8	26.8	63.3	108	76.5	103	64.8	1977
1978	42.6	35.6	70.9	259	69.7	27.5	20.7	19.5	32.7	30.9	34.5	38.6	56.6	1978
1979	48.5	23.3	216	209	62.1	32.1	21.9	25.7	23.1	25.9	60.3	106	71.5	1979
1980	77.3	24.0	109	135	53.7	33.3	29.5	30.0	29.0	37.3	36.7	53.0	54.1	1980
1981	28.6	153	57.0	60.5	45.0	26.5	23.8	26.1	69.1	83.9	64.1	58.3	57.3	1981
1982	26.2	16.5	119	248	43.5	53.7	28.8	37.7	44.4	38.2	99.7	167	77.2	1982
1983	63.0	63.4	68.0	105	123	42.2	23.6	36.6	31.8	41.3	48.9	84.1	61.0	1983
1984	47.3	161	113	109	50.1	46.9	28.6	25.2	33.7	26.8	50.5	90.2	64.8	1984
1985	62.3	96.8	240	217	36.5	34.2	31.6	35.3	54.0	48.3	134	90.6	89.8	1985
1986	56.7	35.6	166	74.4	59.3	40.1	38.0	47.7	207	157	60.1	69.2	84.5	1986
1987	52.1	35.2	130	130	34.9	28.8	39.6	34.6	27.6	32.9	51.7	105	58.7	1987
1988	44.9	62.6	104	85.1	35.9	19.5	21.9	22.5	22.6	29.3	72.5	42.6	46.9	1988
1989	56.1	34.6	92.8	91.3	33.8	56.7	20.9	18.8	18.2	23.0	54.6	32.5	44.4	1989
1990	70.1	91.3	135	64.6	53.1	28.4	27.7	25.1	24.7	80.3	101	122	68.5	1990
MEAN	47.0	54.5	136	136	54.5	32.2	26.8	23.8	28.6	33.8	44.9	58.3	56.5	MEAN

LOCATION - LAT 43 07 56 N DRAINAGE AREA, 5 210 km²
LONG 080 16 01 W REGULATED SINCE 1942

GRAND RIVER AT BRANTFORD - STATION NO. 02GB001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1913	---	---	---	---	1913
1914	---	549 ON MAR 28	0.850 ON AUG 02	1 060 000	1914
1915	---	317 ON APR 11	5.89 ON JUL 01	1 550 000	1915
1916	---	654 ON MAR 29	4.62 ON SEP 09	2 040 000	1916
1917	---	838 ON MAR 26	5.15 ON SEP 25	1 740 000	1917
1918	---	620 ON MAR 20	0.680 ON JAN 05 *	2 280 000	1918
1919	---	1 060 ON MAR 18	4.67 ON SEP 13	1 520 000	1919
1920	---	725 ON MAR 17	5.61 ON SEP 04	1 410 000	1920
1921	---	547 ON MAR 09	7.08 ON AUG 27	1 700 000	1921
1922	---	900 ON APR 12	---	---	1922
1923	---	821 ON APR 07	---	---	1923
1947	---	---	---	---	1947
1948	1 550 AT 23:00 EST ON MAR 20	1 350 ON MAR 20 *	1.84 ON OCT 12	1 570 000	1948
1949	1 010 ON MAR 23	711 ON DEC 23	6.17 ON AUG 20	1 490 000	1949
1950	1 430 ON APR 05	1 280 ON APR 05	12.3 ON AUG 13	2 080 000	1950
1951	872 ON MAR 31	745 ON MAR 31	13.7 ON AUG 14	2 200 000	1951
1952	591 ON APR 02	518 ON APR 02	9.46 ON AUG 30	1 590 000	1952
1953	566 ON MAY 27	399 ON MAY 03	11.5 ON NOV 07	1 470 000	1953
1954	1 590 ON OCT 16	1 100 ON OCT 17	13.0 ON FEB 13	2 100 000	1954
1955	---	631 ON MAR 12	10.1 E ON SEP 27	1 540 000	1955
1956	1 250	994 ON APR 05	11.9 A ON FEB 05	2 390 000	1956
1957	659 ON MAY 12	541 ON DEC 21	13.6 ON OCT 12	1 770 000	1957
1958	---	172 ON MAR 29	10.3 ON AUG 29	832 000	1958
1959	---	654 ON APR 06	13.6 B ON JAN 04	1 790 000	1959
1960	1 150 ON APR 05	1 060 ON APR 05	7.67 B ON DEC 26	1 900 000	1960
1961	---	259 ON FEB 25	6.00 B ON JAN 21	1 040 000	1961
1962	541 AT 14:00 EST ON MAR 30	436 ON MAR 30	11.3 B ON FEB 17	1 070 000	1962
1963	688 AT 21:30 EST ON MAR 27	592 ON MAR 27	10.1 ON OCT 19	1 000 000	1963
1964	259 AT 10:00 EST ON DEC 26	214 ON DEC 26	11.2 ON JUL 31	1 020 000	1964
1965	1 090 AT 11:00 EST ON FEB 11	855 ON FEB 11	12.6 ON JUN 28	1 980 000	1965
1966	385 AT 04:00 EST ON DEC 09	334 ON DEC 08	14.1 ON SEP 28	1 380 000	1966
1967	988 AT 19:00 EST ON APR 03	736 ON APR 04	9.43 ON SEP 07	2 410 000	1967
1968	419 AT 22:30 EST ON NOV 29	391 ON NOV 30	12.8 ON JUN 21	1 980 000	1968
1969	731 AT 11:30 EST ON APR 19	583 ON APR 19	15.3 B ON DEC 03	1 880 000	1969
1970	362 AT 13:39 EST ON APR 10	317 ON APR 10	14.1 B ON JAN 25	1 460 000	1970
1971	467 AT 08:31 EST ON APR 14	447 ON APR 14	10.5 ON DEC 02	1 460 000	1971
1972	1 010 AT 19:36 EST ON APR 19	830 ON APR 19	17.0 B ON DEC 05	1 840 000	1972
1973	671 AT 20:08 EST ON MAR 12	578 ON MAR 13	16.5 ON OCT 26	1 930 000	1973
1974	1 780 AT 22:02 EST ON MAY 17 *	1 030 ON MAY 18	15.2 ON DEC 27	2 000 000	1974
1975	1 050 AT 21:51 EST ON APR 19	883 ON APR 20	16.0 ON JAN 02	1 940 000	1975
1976	799E AT 20:37 EST ON MAR 21	691 ON MAR 22	18.9 ON JUN 14	2 280 000	1976
1977	923 AT 22:49 EST ON MAR 13	844 ON MAR 14	14.2 ON JUL 28	2 040 000	1977
1978	606 AT 07:05 EST ON APR 14	569 ON APR 14	16.2 ON AUG 15	1 790 000	1978
1979	1 33C AT 21:34 EST ON APR 15	1 130 ON APR 15	17.3 ON JUL 25	2 250 000	1979
1980	891 AT 06:36 EST ON MAR 22	677 ON MAR 22	18.5 ON JUL 14	1 710 000	1980
1981	638 AT 13:30 EST ON FEB 24	584 ON FEB 24	16.2 ON JUL 15	1 810 000	1981
1982	1 030 AT 10:47 EST ON APR 01	940 ON APR 01	17.0 B ON MAR 05	2 430 000	1982
1983	390 AT 12:33 EST ON MAY 03	342 ON MAY 03	17.1 ON JUL 28	1 920 000	1983
1984	---	400B ON FEB 15	19.6 ON AUG 27	2 050 000	1984
1985	981 AT 23:56 EST ON APR 06	807 ON APR 07	20.2 ON AUG 05	2 830 000	1985
1986	705 AT 09:37 EST ON SEP 13	654 ON SEP 13	23.5 B ON MAR 08	2 660 000	1986
1987	587 AT 20:37 EST ON APR 06	499 ON APR 06	21.5 ON SEP 07	1 850 000	1987
1988	365 AT 14:46 EST ON MAR 26	345 ON MAR 27	16.1 ON JUL 08	1 480 000	1988
1989	365 AT 17:11 EST ON MAR 29	330 ON MAR 30	16.3 E ON AUG 28	1 400 000	1989
1990	---	468 ON MAR 14	19.0 ON JUL 30	2 160 000	1990
				1 780 000	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX)
B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

GRAND RIVER AT CONESTOGO - STATION NO. 02GA002

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1913	---	---	---	---	---	---	---	---	---	---	---	---	---	1913
1914	6.01	6.88	47.5	26.5	5.43	1.30	0.788	0.784 1.09	0.598 1.72	1.30 1.39	6.72 4.33	4.30 6.15	9.12	1914
1915	2.77	12.1	40.9	32.9	4.73	2.89	2.82	21.7	24.0	13.9	15.2	8.82	15.2	1915
1916	49.1	11.6	47.5	76.3	20.7	23.0	2.16	0.711	0.669	1.34	1.49	2.71	18.0	1916
1917	1.76	1.14	62.3	37.5	11.3	7.37	35.4	2.62	1.22	2.62	2.54	2.05	13.3	1917
1918	0.862	4.47	62.3	32.4	4.47	2.06	0.704	0.807	4.26	5.74	8.98	24.2	11.9	1918
1919	21.0	3.98	59.5	31.7	27.8	4.03	0.720	0.808	0.841	1.95	7.03	5.87	13.9	1919
1920	1.85	1.48	61.7	29.7	4.41	5.95	6.43	2.03	1.26	2.70	12.3	23.9	12.9	1920
1921	18.3	6.54	64.6	39.5	10.4	3.52	6.89	2.17	1.51	5.45	7.66	17.7	14.8	1921
1922	5.08	12.5	54.3	63.8	4.29	3.45	2.36	1.45	1.81	1.60	1.82	3.45	12.9	1922
1923	2.27	1.47	35.3	68.0	32.1	5.59	1.69	0.902	1.63	---	---	---	---	1923
MEAN	10.9	6.22	50.6	41.8	12.6	6.10	6.00	3.19	3.59	3.80	6.81	10.0	13.6	MEAN

LOCATION - LAT 43 32 28 N
LONG 080 29 40 W
DRAINAGE AREA, 1 420 km^2
NATURAL FLOW

DATA CONTRIBUTED BY - ONTARIO HYDRO

GRAND RIVER AT CONESTOGO - STATION NO. 02GA002

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1913	---	---	---	---	1913
1914	---	276 CW MAR 27	0.425 CW AUG 09	288 000	1914
1915	---	140 CW SEP 13	0.850 CW JUN 30	480 000	1915
1916	---	240 CW JAN 26	0.396 CW SEP 11	571 000	1916
1917	---	289 CW MAR 27	0.538 CW OCT 02	420 000	1917
1918	---	239 CW MAR 21	0 CW FEB 07 *	375 000	1918
1919	---	294 CW MAR 18 *	0.170 CW JUL 27	438 000	1919
1920	---	164 CW MAR 17	0.850 CW SEP 29	407 000	1920
1921	---	219 CW MAR 09	1.02 CW SEP 10	466 000	1921
1922	---	202 CW APR 11	0.340 CW SEP 06	408 000	1922
1923	---	238 CW APR 07	---	---	1923
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		428 000	MEAN

GRAND RIVER AT GALT - STATION NO. 02GA003

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1913	---	---	---	---	---	---	---	4.46	3.65	6.88	19.3	9.22	---	1913
1914	12.0	12.6	68.7	51.9	15.1	6.68	5.08	4.91	6.09	5.25	11.4	13.0	17.7	1914
1915	9.46	21.8	60.8	62.6	12.3	7.71	10.2	38.6	49.2	27.7	29.6	18.2	29.0	1915
1916	85.8	27.9	61.4	136	48.3	58.1	7.23	3.79	3.54	6.54	7.16	9.54	37.8	1916
1917	10.9	8.64	128	74.5	28.6	25.7	70.6	8.24	5.90	10.5	10.1	8.04	32.7	1917
1918	7.08	60.9	151	52.9	13.8	7.72	4.57	3.82	15.1	13.7	19.3	54.1	33.5	1918
1919	20.0	12.2	134	64.7	63.4	10.6	3.21	3.39	3.97	5.81	16.5	15.3	29.6	1919
1920	7.41	6.57	127	62.6	13.4	11.8	12.0	6.57	4.49	9.31	25.4	47.5	28.0	1920
1921	37.1	14.3	124	62.5	32.1	14.0	16.7	6.39	4.34	17.8	22.6	39.7	32.8	1921
1922	10.9	25.5	153	144	17.4	14.2	6.74	5.74	7.66	5.98	7.31	7.46	30.4	1922
1923	5.32	4.27	70.9	139	68.1	17.2	5.58	3.93	7.37	6.93	9.79	34.6	31.1	1923
1924	29.4	12.9	67.6	121	79.5	14.7	8.90	8.97	5.85	8.60	5.19	7.61	30.9	1924
1925	4.39	39.7	138	31.1	8.49	2.47	2.81	3.37	4.06	8.39	59.8	18.6	26.7	1925
1926	13.0	11.1	66.6	205	36.2	12.2	3.74	23.1	21.3	35.0	110	21.9	46.7	1926
1927	12.5	12.9	150	42.4	43.4	27.1	29.1	6.32	4.75	8.38	16.7	38.5	32.9	1927
1928	29.4	18.3	117	117	19.3	14.5	18.5	14.0	5.88	21.3	55.7	58.6	40.8	1928
1929	40.5	17.3	182	150	52.1	10.8	9.04	4.02	2.69	5.17	11.6	7.73	41.2	1929
1930	58.0	89.5	62.3	114	35.7	8.43	5.04	2.62	2.96	3.31	3.75	5.52	32.2	1930
1931	3.57	3.85	18.2	86.5	16.0	6.48	8.78	4.40	4.00	4.16	21.5	61.4	19.9	1931
1932	96.9	68.6	54.9	98.9	25.8	12.0	7.77	11.0	26.8	15.3	62.3	59.5	44.7	1932
1933	34.3	28.9	45.0	144	27.1	8.43	3.04	2.36	1.95	3.26	6.01	19.3	26.3	1933
1934	27.3	8.78	79.9	154	13.8	4.13	2.25	1.72	2.81	3.22	7.54	4.73	25.8	1934
1935	16.7	12.3	99.8	14.9	17.8	39.7	9.92	2.43	1.92	2.77	16.4	11.0	20.6	1935
1936	5.69	8.58	113	47.6	18.4	11.8	1.56	1.33	2.59	6.36	8.72	12.6	22.5	1936
1937	120	90.0	16.8	120	34.2	8.72	4.30	4.60	4.14	7.75	8.65	5.38	35.0	1937
1938	4.96	102	133	41.3	19.2	6.44	3.98	9.77	6.37	4.25	5.01	5.70	28.0	1938
1939	11.7	13.4	75.3	190	19.9	8.61	5.39	4.03	3.40	3.85	4.92	4.38	28.6	1939
1940	3.00	3.34	3.88	149	59.6	36.4	12.1	8.33	23.0	21.9	50.9	86.2	38.1	1940
1941	34.0	14.2	25.0	136	9.81	6.84	5.64	4.73	4.64	11.9	31.7	27.8	25.8	1941
1942	12.7	7.32	139	73.4	48.8	44.9	6.88	4.72	23.6	32.6	80.3	28.3	42.1	1942
1943	31.0	66.9	155	139	104	18.7	9.00	10.2	12.1	14.2	29.6	9.62	49.7	1943
1944	11.9	12.4	66.2	119	39.5	18.6	10.1	7.61	8.54	11.1	9.28	9.71	27.0	1944
1945	9.38	8.83	123	63.3	93.6	41.3	18.7	9.47	17.7	53.5	37.7	18.9	41.6	1945
1946	53.3	21.8	132	17.0	21.2	11.5	12.6	11.6	8.03	6.98	10.5	14.4	27.1	1946
1947	33.1	24.8	54.7	262	104	88.1	28.5	18.4	17.3	10.6	11.1	20.4	55.9	1947
1948	14.3	24.8	203	51.7	30.3	12.5	14.7	9.73	7.13	4.19	13.3	7.09	32.7	1948
1949	43.7	60.4	110	44.1	10.5	10.4	9.64	7.54	7.39	8.26	5.98	62.4	31.6	1949
1950	97.6	24.9	84.5	140	19.0	14.5	12.1	12.9	12.8	12.0	28.3	73.9	44.5	1950
1951	68.0	46.3	121	173	27.7	16.7	24.6	12.8	13.9	19.8	53.9	38.3	51.2	1951
1952	69.8	33.3	87.0	114	20.5	12.0	15.9	8.91	8.52	6.66	10.2	24.7	34.2	1952
1953	27.3	28.5	91.0	34.3	47.2	44.7	24.7	14.2	11.0	10.6	10.0	11.9	24.7	1953
1954	10.6	82.4	110	110	21.9	14.2	12.9	12.8	12.3	118	35.9	30.3	47.4	1954
1955	34.9	13.4	94.8	110	22.5	14.4	11.5	12.5	9.41	12.6	38.5	26.8	33.4	1955
1956	14.7	11.1	56.5	187	111	21.9	22.6	46.8	42.7	23.0	19.1	34.7	49.6	1956
1957	26.0	39.1	61.1	66.6	30.5	30.7	12.3	16.9	17.7	14.6	33.5	74.5	36.9	1957
1958	18.0	11.9	38.5	29.8	15.4	14.2	15.8	10.3	9.89	8.46	14.7	10.8	16.5	1958
1959	13.6	16.9	50.1	171	37.3	17.1	18.5	16.7	16.4	30.4	48.1	31.9	38.9	1959
1960	25.9	26.3	22.3	201	103	30.5	20.0	20.4	21.0	20.3	15.4	8.50	42.7	1960
1961	5.25	45.7	52.4	42.6	36.5	19.9	16.4	18.8	18.7	16.7	16.6	18.9	22.3	1961
1962	10.6	7.80	56.4	57.1	14.8	13.5	12.9	14.9	12.6	14.6	27.5	23.7	21.7	1962
1963	14.4	12.5	70.9	44.6	35.3	15.3	15.0	13.2	13.2	10.4	11.2	8.99	22.1	1963
1964	16.0	12.9	41.5	38.9	18.7	12.1	14.7	21.9	16.4	13.2	11.4	22.9	20.1	1964
1965	25.8	57.6	49.5	132	36.6	12.5	13.1	11.9	12.4	28.5	55.0	80.5	42.7	1965
1966	41.3	29.9	62.9	40.3	27.2	24.9	14.8	13.8	13.3	12.2	18.6	40.9	28.4	1966
1967	37.3	46.0	58.1	118	24.0	59.2	51.1	18.9	24.9	44.3	70.3	97.6	54.0	1967
1968	41.2	64.3	95.2	41.4	22.9	19.6	17.5	31.8	34.9	36.6	54.7	61.5	43.4	1968
1969	38.9	45.6	66.3	152	55.9	21.0	20.2	18.5	15.1	13.5	20.5	12.9	40.2	1969
1970	9.52	13.7	25.2	108	30.8	16.5	19.5	18.8	20.7	21.0	31.7	59.9	31.2	1970
1971	22.4	23.3	43.9	139	22.7	20.6	19.9	17.9	15.0	13.5	11.5	23.3	31.2	1971
1972	20.5	16.2	33.1	179	31.2	24.8	22.2	19.0	17.6	23.2	27.8	38.7	37.8	1972
1973	30.8	41.5	159	62.8	44.3	25.9	15.6	17.4	15.0	14.4	26.6	25.3	41.6	1973
1974	42.7	39.2	100	100	101	25.0	16.7	15.4	15.5	16.3	18.6	12.9	42.0	1974
1975	21.7	30.9	69.8	130	27.7	24.1	16.6	26.5	23.9	19.7	24.5	43.6	38.2	1975
1976	22.8	64.4	109	72.9	50.3	19.7	30.9	22.4	27.9	32.8	29.9	21.0	48.7	1976
1977	11.8	9.10	119	57.0	16.4	13.2	15.2	18.4	38.4	73.8	55.6	64.9	41.3	1977
1978	24.1	18.7	38.5	162	44.5	17.2	15.7	15.2	20.3	18.2	20.6	21.6	34.6	1978
1979	31.4	15.9	133	133	37.4	20.3	16.1	16.1	15.1	16.2	33.7	63.3	44.5	1979
1980	43.6	15.3	58.6	88.1	27.9	20.6	20.1	20.6	20.0	24.2	24.1	35.4	33.2	1980
1981	19.4	84.5	33.7	36.3	22.4	30.4	17.7	18.3	41.9	52.8	41.2	41.9	35.7	1981
1982	17.3	11.3	57.4	152	54.2	30.0	18.2	24.6	28.8	24.1	64.4	122	48.0	1982
1983	40.7	33.1	41.8	72.0	83.1	20.4	16.7	17.5	19.9	25.2	29.1	39.5	37.0	1983
1984	18.5	97.1	74.4	72.2	25.8	24.8	18.3	19.1	20.3	14.7	32.7	69.7	40.3	1984
1985	56.7	59.4	152	157	21.0	19.7	19.4	25.1	33.2	26.8	79.6	58.9	58.9	1985
1986	29.7	20.5	103	41.8	33.8	23.3	25.2	31.2	171	110	37.2	38.8	55.8	1986
1987	28.3	19.6	76.6	85.7	17.9	18.1	24.2	23.2	18.2	20.5	28.3	62.4	35.3	1987
1988	30.3	41.8	66.0	61.1	22.8	14.4	17.7	16.3	17.9	19.6	46.9	28.0	31.8	1988
1989	38.0	21.2	55.2	61.4	26.0	42.9	16.6	15.0	14.4	18.4	41.4	25.4	31.1	1989
1990	44.0	53.1	88.0	43.6	33.1	18.4	17.8	18.2	17.9	56.0	73.3	79.2	45.2	1990
MEAN	28.9	30.3	84.8	98.8	36.4	20.2	15.4	13.5	16.6	19.7	28.6	33.5	35.6	MEAN

LOCATION - LAT 43 21 10 N
LONG 080 19 01 W

DRAINAGE AREA, 3 520 km²
REGULATED

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)					MAXIMUM DAILY DISCHARGE (m^3/s)			MINIMUM DAILY DISCHARGE (m^3/s)			TOTAL DISCHARGE (dam^3)	YEAR
1913	---					---			---			---	1913
1914	---					331	ON	MAR 28	1.56	ON	AUG 09	559 000	1914
1915	---					253	ON	APR 11	3.79	ON	JUN 27	914 000	1915
1916	---					358	ON	MAR 30	2.61	ON	SEP 26	1 190 000	1916
1917	---					719	ON	MAR 24	4.08	ON	SEP 30	1 030 000	1917
1918	---					493	ON	MAR 22	1.84	ON	AUG 18	1 060 000	1918
1919	---					685	ON	MAR 18	1.59	ON	JUL 19	934 000	1919
1920	---					459	ON	MAR 13	2.29	ON	SEP 06	885 000	1920
1921	---					402	ON	MAR 09	2.55	ON	SEP 11	1 030 000	1921
1922	---					338	ON	APR 12	2.12	ON	AUG 23	998 000	1922
1923	---					498	ON	APR 07	2.18	ON	AUG 03	982 000	1923
1924	---					456	ON	APR 06	3.09	ON	NOV 08	976 000	1924
1925	---					473	ON	MAR 19	1.39	ON	JUL 01	841 000	1925
1926	---					411	ON	APR 23	2.69	ON	AUG 15	1 470 000	1926
1927	---					583	ON	MAR 14	3.60	ON	AUG 28	1 040 000	1927
1928	---					759	ON	MAR 25	3.00	ON	SEP 02	1 290 000	1928
1929	---					841	ON	APR 06	1.56	ON	SEP 08	1 300 000	1929
1930	368	AT	11:30	EST	ON	APR 07	323	ON	APR 07	1.61	ON	AUG 02	1 010 000	1930
1931	---						351B	ON	DEC 25	1.95	ON	SEP 13	829 000	1931
1932	898B	AT	11:30	EST	ON	FEB 12	654B	ON	FEB 12	3.58	ON	JUN 27	1 420 000	1932
1933	487	AT	06:30	EST	ON	APR 02	439	ON	APR 02	1.08	ON	SEP 24	829 000	1933
1934	518	AT	19:00	EST	ON	APR 04	430	ON	APR 04	0.821	ON	SEP 03	814 000	1934
1935	572	AT	23:00	EST	ON	MAR 17	527	ON	MAR 17	1.02	ON	AUG 31	650 000	1935
1936	462	AT	09:00	EST	ON	MAR 28	374	ON	MAR 28	0.736	ON	AUG 09 *	710 000	1936
1937	453	AT	20:00	EST	ON	APR 06	343	ON	APR 06	1.90 E	ON	JUL 24	1 100 000	1937
1938	663	AT	11:00	EST	ON	MAR 24	561	ON	MAR 24	2.75	ON	DEC 14	883 000	1938
1939	765	AT	07:00	EST	ON	APR 19	654	ON	APR 19	2.18	ON	JUL 24	904 000	1939
1940	691	AT	09:00	EST	ON	APR 09	600	ON	APR 09	2.41	ON	AUG 17	1 200 000	1940
1941	459	AT	13:30	EST	ON	APR 07	389	ON	APR 07	2.07	ON	SEP 28	818 000	1941
1942	1 020	AT	15:00	EST	ON	MAR 17	575	ON	MAR 17	2.83	ON	SEP 03	1 330 000	1942
1943	934	AT	09:00	EST	ON	MAY 12	725	ON	APR 02	4.90	ON	DEC 23	1 570 000	1943
1944	818	AT	10:30	EST	ON	MAR 25	379	ON	MAR 25	3.43	ON	JAN 19	853 000	1944
1945	544	AT	21:00	EST	ON	MAR 16	476	ON	MAR 17	4.79	ON	AUG 06	1 310 000	1945
1946	855	AT	17:00	EST	ON	MAR 07	530	ON	MAR 07	3.17	ON	OCT 05	855 000	1946
1947	1 170	AT	13:00	EST	ON	APR 12	1 040	ON	APR 12	7.31	ON	DEC 01	1 760 000	1947
1948	1 310	AT	09:00	EST	ON	MAR 20	1 070	ON	MAR 20	2.49	ON	OCT 07	1 040 000	1948
1949	861				ON	MAR 23	657	ON	MAR 23	4.47	ON	NOV 26	998 000	1949
1950	1 090	AT	02:00	EST	ON	APR 05	759	ON	APR 05	6.97	ON	AUG 12	1 400 000	1950
1951	674	AT	05:00	EST	ON	MAR 31	524	ON	MAR 31	9.37	ON	AUG 13	1 610 000	1951
1952	490	AT	09:00	EST	ON	APR 02	382	ON	APR 02	3.68	ON	OCT 14	1 080 000	1952
1953	547	AT	16:00	EST	ON	MAY 26	357	ON	MAY 03	7.28	ON	DEC 17	1 000 000	1953
1954	1 360	AT	14:00	EST	ON	OCT 16 *	1 140	ON	OCT 16 *	8.13 B	ON	JAN 18	1 490 000	1954
1955	436	AT	23:00	EST	ON	MAR 11	292	ON	MAR 12	6.46	ON	OCT 04	1 050 000	1955
1956	977	AT	15:00	EST	ON	MAY 12	654	ON	APR 05	8.98	ON	FEB 24	1 570 000	1956
1957	450	AT	17:30	EST	ON	DEC 21	396	ON	DEC 21	8.24	ON	OCT 18	1 160 000	1957
1958	119	AT	15:00	EST	ON	MAR 29	112	ON	MAR 29	6.29	ON	AUG 29	521 000	1958
1959	569	AT	10:00	EST	ON	APR 06	490	ON	APR 06	10.1 B	ON	JAN 12	1 230 000	1959
1960	810	AT	10:00	EST	ON	APR 04	680	ON	APR 05	6.23 B	ON	DEC 26	1 350 000	1960
1961	189	AT	11:00	EST	ON	FEB 24	173	ON	FEB 24	4.39 B	ON	JAN 21	704 000	1961
1962	391	AT	08:30	EST	ON	MAR 30	311	ON	MAR 30	6.74	ON	JUL 29	686 000	1962
1963	408	AT	06:00	EST	ON	MAR 26	351	ON	MAR 26	6.54	ON	OCT 19	698 000	1963
1964	162	AT	15:00	EST	ON	APR 08	127	ON	APR 08	6.74	ON	NOV 22	635 000	1964
1965	711	AT	07:30	EST	ON	FEB 11	470	ON	FEB 11	9.09	ON	JUL 13	1 350 000	1965
1966	219	AT	17:00	EST	ON	DEC 07	179	ON	DEC 08	9.63	ON	NOV 07	895 000	1966
1967	872	AT	12:40	EST	ON	APR 03	657	ON	APR 03	6.94 E	ON	AUG 23	1 700 000	1967
1968	143	AT	14:30	EST	ON	NOV 29	264	ON	NOV 29	12.1	ON	JUN 21	1 370 000	1968
1969	691	AT	04:29	EST	ON	APR 19	487	ON	APR 19	9.29 B	ON	DEC 02	1 270 000	1969
1970	250	AT	02:04	EST	ON	APR 17	228	ON	APR 22	8.04 B	ON	JAN 26	986 000	1970
1971	377	AT	03:55	EST	ON	APR 14	345	ON	APR 14	9.32	ON	DEC 02	986 000	1971
1972	852	AT	15:45	EST	ON	APR 19	731	ON	APR 19	11.9	ON	DEC 05	1 200 000	1972
1973	490	AT	14:20	EST	ON	MAR 12	433	ON	MAR 12	9.34 B	ON	DEC 24	1 310 000	1973
1974	1 550	AT	17:19	EST	ON	MAY 17 *	855	ON	MAY 17	9.32 B	ON	DEC 27	1 330 000	1974
1975	852	AT	16:25	EST	ON	APR 19	561	ON	APR 19	8.98 B	ON	JAN 06	1 200 000	1975
1976	592	AT	15:36	EST	ON	MAR 21	501	ON	MAR 21	13.5	ON	JUN 13	1 540 000	1976
1977	575	AT	17:32	EST	ON	MAR 13	445	ON	MAR 13	7.59 B	ON	JAN 31	1 300 000	1977
1978	453	AT	05:23	EST	ON	APR 14	428	ON	APR 14	12.3	ON	AUG 14	1 090 000	1978
1979	756	AT	15:28	EST	ON	APR 15	697	ON	APR 15	11.5	ON	SEP 21	1 400 000	1979
1980	540	AT	21:58	EST	ON	MAR 21	425	ON	MAR 21	13.4	ON	JUL 14	1 050 000	1980
1981	415	AT	09:10	EST	ON	FEB 24	367	ON	FEB 24	12.9	ON	JUL 15	1 110 000	1981
1982	672	AT	03:57	EST	ON	APR 01	478	ON	APR 01	10.3 B	ON	MAR 02	1 510 000	1982
1983	292	AT	06:41	EST	ON	MAY 03	248	ON	MAY 03	14.2	ON	SEP 05	1 170 000	1983
1984	281	AT	04:09	EST	ON	DEC 30	244	ON	DEC 30	11.1	ON	OCT 15	1 280 000	1984
1985	724	AT	14:45	EST	ON	APR 06	636	ON	APR 06	14.7	ON	JUL 28	1 860 000	1985
1986	642	AT	06:24	EST	ON	SEP 30	564	ON	SEP 30	13.2 B	ON	MAR 07	1 760 000	1986
1987	473	AT	14:48	EST	ON	APR 06	430	ON	APR 06	15.2	ON	JUN 17	1 110 000	1987
1988	289	AT	05:39	EST	ON	MAR 26	255	ON	MAR 26	12.6	ON	AUG 22	1 010 000	1988
1989	284	AT	15:42	EST	ON	MAR 15	255	ON	MAR 29	13.1	ON	AUG 27	982 000	1989
1990	338	AT	06:37	EST	ON	MAR 14	317	ON	MAR 14	13.4	ON	JUL 29	1 430 000	1990
													1 120 000	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

GRAND RIVER AT GLEN MORRIS - STATION NO. 02GA004

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1913	---	---	---	---	---	---	---	7.07	5.37	7.75	25.9	7.49	---	1913
1914	11.8	17.6	115	62.3	21.0	6.15	4.06	4.49	6.00	5.11	15.8	13.9	23.7	1914
1915	12.0	23.6	---	65.5	15.0	10.7	11.8	54.6	57.4	28.6	45.4	20.6	---	1915
1916	101	41.1	76.1	158	63.6	69.8	13.9	9.86	9.53	12.8	7.15	17.2	48.6	1916
1917	11.3	9.29	153	89.6	36.1	30.5	97.0	9.29	5.54	11.2	11.5	12.5	40.2	1917
1918	14.7	63.3	170	62.2	18.6	7.99	3.83	3.67	18.0	14.3	25.1	60.6	39.0	1918
1919	17.6	10.4	142	75.5	69.1	12.6	4.44	4.47	4.89	10.3	20.7	18.9	32.8	1919
1920	7.70	6.82	157	74.5	17.4	15.2	15.6	9.14	5.86	---	---	---	---	1920
MEAN	25.6	24.7	137	83.9	34.4	21.8	21.5	12.8	14.1	12.9	21.6	21.6	36.9	MEAN

LOCATION - LAT 43 16 36 N LONG 080 20 50 W DRAINAGE AREA, 3 600 km² REGULATED DATA CONTRIBUTED BY - ONTARIO HYDRO

GRAND RIVER AT GLEN MORRIS - STATION NO. 02GA004

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1913	---	---	---	---	1913
1914	---	606 ON MAR 28	0.566 ON JAN 03 *	747 000	1914
1915	---	---	---	---	1915
1916	---	680 ON MAR 30	4.76 ON NOV 18	1 540 000	1916
1917	---	807 ON MAR 27	3.54 ON SEP 23	1 270 000	1917
1918	---	702 ON MAR 22	2.38 ON JUL 28	1 230 000	1918
1919	---	968 ON MAR 18 *	2.94 ON JUL 20	1 030 000	1919
1920	---	637 ON MAR 13	---	---	1920
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		1 160 000	MEAN

GRAND RIVER AT WALDEMAR - STATION NO. 02GA022

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1952	---	---	---	---	---	---	---	---	---	0.906	0.736	5.07	---	1952
1953	5.21	6.09	24.7	9.19	11.8	7.96	5.30	1.59	1.53	0.896	1.04	2.83	6.55	1953
1954	0.963	13.1	25.0	31.9	2.42	2.10	1.91	0.475	1.42	27.4	6.12	5.08	9.79	1954
1955	6.02	1.79	17.1	36.7	2.10	0.721	1.08	1.04	0.571	1.31	7.00	3.52	6.57	1955
1956	2.18	1.06	6.16	52.0	12.2	1.57	2.45	7.44	4.44	1.48	1.66	6.41	8.42	1956
1957	4.18	7.42	13.7	15.3	3.73	5.74	3.77	2.08	4.21	2.06	7.42	14.2	6.79	1957
1958	1.21	1.32	7.58	12.3	1.63	0.625	0.273	0.663	0.962	0.513	0.390	0.300	2.31	1958
1959	0.465	0.850	2.68	43.5	7.36	1.65	1.09	0.677	0.548	2.52	12.3	6.67	6.66	1959
1960	4.91	4.89	5.24	59.9	20.9	3.52	2.38	0.668	0.194	0.128	0.492	0.358	8.57	1960
1961	0.188	4.04	14.7	12.2	5.56	1.53	1.28	1.88	0.985	0.166	1.27	2.89	3.88	1961
1962	0.486	0.450	12.5	19.9	1.13	0.911	1.68	0.384	0.120	1.61	9.04	5.03	4.44	1962
1963	0.784	0.484	24.6	10.7	9.28	1.68	2.87	0.482	0.126	0.100	0.409	0.146	4.37	1963
1964	1.41	1.91	12.6	14.1	2.60	1.41	1.66	0.365	0.213	---	---	---	---	1964
MEAN	2.33	3.62	13.9	26.5	6.73	2.45	2.16	1.48	1.11	3.26	3.97	4.39	6.20	MEAN

LOCATION - LAT 43 53 48 N LONG 080 17 01 W DRAINAGE AREA, 655 km² REGULATED

GRAND RIVER AT WALDEMAR - STATION NO. 02GA022

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)		MAXIMUM DAILY DISCHARGE (m³/s)		MINIMUM DAILY DISCHARGE (m³/s)		TOTAL DISCHARGE (dam³)	YEAR
1952	---		---		---		---	1952
1953	87.7	ON MAY 02	61.2	ON MAR 16	0.170	ON SEP 12	207 000	1953
1954	289	ON OCT 15 *	235	ON OCT 16 *	0.283	ON AUG 22	309 000	1954
1955	---		121	ON APR 03	0.142	ON JUN 28	207 000	1955
1956	212	ON APR 06	176	ON APR 06	0.340	ON JUN 22	280 000	1956
1957	142	ON DEC 20	111	ON DEC 21	0.255	ON AUG 01	214 000	1957
1958	---		45.0B	ON MAR 30	0.028	ON AUG 16 *	72 800	1958
1959	---		150	ON APR 08	0.170B	ON JAN 19	210 000	1959
1960	213	ON APR 04	206	ON APR 04	0.068	ON OCT 15	271 000	1960
1961	---		88.6	ON MAR 28	0.085B	ON JAN 23	122 000	1961
1962	177	ON MAR 30	156	ON MAR 30	0.080	ON SEP 04	140 000	1962
1963	195	ON MAR 27	162	ON MAR 27	0.082	ON OCT 15	138 000	1963
1964	126	ON APR 08	98.0	ON APR 08	---		---	1964
	B - ICE CONDITIONS		* - EXTREME RECORDED FOR THE PERIOD OF RECORD				196 000	MEAN

GRAND RIVER AT WEST MONTROSE - STATION NO. 02GA034

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1967	---	---	---	---	---	---	---	---	---	---	---	---	---	1967
1968	15.0	19.3	20.6	14.7	5.83	3.99	5.20	6.38	10.2	17.2	28.1	42.6	---	1968
1969	12.4	16.4	17.8	65.6	22.8	7.03	6.82	7.83	10.9	10.4	20.8	30.7	14.6	1969
										3.28	6.81	3.40	15.0	
1970	2.25	3.31	4.80	47.2	10.9	5.70	10.6	12.6	6.65	6.25	11.1	24.6	12.2	1970
1971	3.37	4.38	12.4	36.7	7.28	6.48	8.35	7.79	4.54	4.79	4.05	7.17	10.7	1971
1972	3.55	6.07	7.32	70.6	11.8	8.31	8.03	7.45	6.45	5.31	5.93	12.4	12.9	1972
1973	20.6	14.8	54.0	21.4	14.5	9.64	6.57	6.22	6.45	4.22	5.07	7.79	14.6	1973
1974	8.67	12.5	14.5	36.8	33.9	6.78	5.75	5.83	4.83	5.14	4.18	3.86	13.6	1974
1975	7.21	7.21	20.8	30.9	8.45	6.48	6.20	6.88	7.11	5.14	5.31	12.0	12.0	1975
1976	5.09	8.39	68.3	19.5	14.0	6.45	13.1	7.39	8.88	11.6	11.8	7.54	13.3	1976
1977	2.69	2.39	39.7	17.5	3.33	3.56	4.57	5.72	12.0	28.3	21.7	20.9	13.6	1977
1978	9.29	3.44	8.38	66.9	17.1	4.95	4.67	5.32	4.98	4.51	5.82	7.20	11.8	1978
1979	16.8	4.70	46.5	53.6	12.0	5.77	4.87	5.20	4.79	4.16	13.0	25.5	16.5	1979
1980	15.4	8.16	16.1	14.6	5.37	6.48	8.53	12.3	9.74	11.2	10.2	15.5	12.8	1980
1981	9.48	32.4	11.2	63.6	6.26	7.45	8.17	8.85	23.7	20.6	15.1	18.7	14.6	1981
1982	7.83	3.19	11.9	43.1	6.28	9.40	6.53	10.0	9.92	6.27	24.6	41.2	17.5	1982
1983	11.7	4.11	16.8	27.2	28.2	7.38	7.54	8.55	5.73	9.74	9.76	14.2	12.7	1983
1984	8.93	31.8	27.8	30.9	5.00	6.41	7.02	8.08	6.51	4.98	8.68	25.9	14.2	1984
1985	16.2	20.6	51.2	70.0	6.67	5.02	5.55	9.07	12.5	8.64	26.6	25.0	21.3	1985
1986	7.44	7.91	40.2	14.2	7.58	4.78	10.1	10.7	62.4	38.8	10.4	9.39	18.7	1986
1987	11.5	5.38	24.7	30.2	3.82	5.06	7.44	6.34	9.23	5.39	7.50	21.6	11.2	1987
1988	11.6	22.9	20.9	20.2	5.70	4.66	5.55	5.90	4.47	5.38	13.8	6.17	10.6	1988
1989	11.2	6.47	18.0	23.3	8.72	18.0	6.14	5.79	4.48	8.21	19.1	13.0	11.9	1989
1990	15.9	22.7	36.7	16.1	11.3	5.79	5.14	6.20	6.63	19.1	27.9	30.1	17.0	1990
MEAN	10.4	11.7	27.1	37.6	11.3	6.81	7.06	7.69	10.4	10.3	13.3	18.2	14.1	MEAN

LOCATION - LAT 43 35 06 N DRAINAGE AREA, 1 170 km²
LONG 080 28 54 W REGULATED

GRAND RIVER AT WEST MONTROSE - STATION NO. 02GA034

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)		MAXIMUM DAILY DISCHARGE (m^3/s)		MINIMUM DAILY DISCHARGE (m^3/s)		TOTAL DISCHARGE (dam^3)	YEAR
1967	---		---		---		---	1967
1968	189	AT 14:00 EST ON NOV 29	163	ON NOV 29	2.72	ON JUN 19	461 000	1968
1969	283	AT 17:51 EST ON APR 18	202	ON APR 05	0.745	ON OCT 16 *	473 000	1969
1970	155	AT 16:18 EST ON APR 16	120	ON APR 17	1.56 B	ON JAN 14	384 000	1970
1971	189	AT 15:30 EST ON APR 13	176	ON APR 13	2.36	ON OCT 05	136 000	1971
1972	634	AT 02:38 EST ON APR 19	507	ON APR 19 *	1.51	ON OCT 21	409 000	1972
1973	193	AT 04:20 EST ON MAR 14	156	ON MAR 14	1.34	ON NOV 14	459 000	1971
1974	674	AT 05:55 EST ON MAY 17 *	379	ON MAY 17	1.17 B	ON DEC 01	427 000	1974
1975	337	AT 07:52 EST ON APR 19	234	ON APR 19	1.54 B	ON JAN 08	377 000	1975
1976	416	AT 23:46 EST ON JUN 30	211	ON MAR 25	2.49 B	ON JAN 26	482 000	1976
1977	229 B	AT 08:00 EST ON MAR 13	181 B	ON MAR 13	1.50 B	ON JAN 27	430 000	1977
1978	230	AT 19:49 EST ON APR 13	197	ON APR 14	2.49 B	ON MAR 13	374 000	1978
1979	411	AT 11:12 EST ON APR 15	315	ON APR 15	1.54 E	ON SEP 25	519 000	1979
1980	---		138 B	ON MAR 21	1.87	ON MAY 27	405 000	1980
1981	224	AT 22:00 EST ON FEB 23	164	ON FEB 24	2.40 B	ON FEB 10	461 000	1981
1982	257	AT 19:56 EST ON MAR 11	167	ON APR 18	2.60 B	ON MAR 02	552 000	1982
1983	97.6	AT 20:19 EST ON MAY 02	82.6	ON MAY 03	2.56 E	ON SEP 08	402 000	1983
1984	120 B	AT 15:05 EST ON FEB 21	120 B	ON FEB 21	2.02 A	ON OCT 13	430 000	1984
1985	266	AT 01:56 EST ON APR 07	240	ON APR 07	2.22	ON JUN 13	673 000	1985
1986	359	AT 04:32 EST ON SEP 11	181	ON SEP 11	2.61	ON JUN 01	590 000	1986
1987	198	AT 02:46 EST ON APR 06	178	ON APR 06	2.63	ON MAY 31	354 000	1987
1988	108	AT 03:50 EST ON MAR 28	95.0	ON APR 05	1.60 B	ON DEC 11	334 000	1988
1989	137	AT 14:00 EST ON MAR 29	125	ON MAR 29	4.11 E	ON SEP 30	374 000	1989
1990	202	AT 02:01 EST ON MAR 14	176	ON MAR 14	3.80	ON JUN 20	535 000	1990
							446 000	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX)
B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

GRAND RIVER AT YORK - STATION NO. 02GB002

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1913	---	---	---	---	---	---	13.5	9.78	9.28	11.9	49.7	25.9	---	1913
1914	28.7	46.9	165	92.0	35.6	16.6	9.90	9.87	12.7	10.6	22.2	27.6	39.7	1914
1915	22.3	54.6	108	80.6	23.7	15.3	15.4	76.1	66.5	47.0	47.3	51.4	50.6	1915
1916	214	89.7	228	237	131	115	19.5	10.6	9.18	15.6	18.1	29.6	82.9	1916
1917	21.6	14.2	200	135	61.6	66.0	133	21.2	13.2	22.0	24.3	24.1	61.9	1917
1918	10.3	141	167	90.3	17.7	20.4	11.3	10.6	11.3	25.0	36.8	81.9	71.3	1918
1919	85.7	30.7	192	94.5	135	24.5	13.0	11.3	11.0	15.4	25.0	62.0	57.1	1919
1920	13.9	12.5	224	108	30.7	25.8	18.0	16.5	11.2	15.4	41.9	88.2	52.5	1920
1921	69.7	12.9	216	138	55.0	29.9	17.9	13.0	10.7	11.2	41.1	66.3	62.0	1921
1922	24.9	74.5	193	243	27.2	40.4	15.9	11.5	46.7	11.2	12.9	17.1	58.1	1922
1923	20.4	15.7	135	166	104	30.6	12.1	10.1	13.5	---	---	---	---	1923
MEAN	49.3	51.3	193	138	61.7	38.4	28.7	18.5	19.9	20.7	31.9	47.4	59.6	MEAN

LOCATION - LAT 43 01 20 N DRAINAGE AREA, 5 910 km²
LONG 079 53 32 W REGULATED

DATA CONTRIBUTED BY - ONTARIO HYDRO

GRAND RIVER AT YORK - STATION NO. 02GB002

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1913	---	---	---	---	1913
1914	---	736 ON MAR 28	5.66 ON AUG 06 *	1 250 000	1914
1915	---	317 ON SEP 14	6.06 ON JUN 27	1 600 000	1915
1916	---	767 ON MAR 31	5.89 ON SEP 06	2 620 000	1916
1917	---	827 ON MAR 27	8.24 ON FEB 18	1 950 000	1917
1918	---	824 ON MAR 22	7.87 ON JAN 13	2 250 000	1918
1919	---	1 030 ON MAR 19 *	9.17 ON SEP 15	1 800 000	1919
1920	---	629 ON MAR 13	7.73 ON SEP 12	1 660 000	1920
1921	---	654 ON MAR 09	9.63 ON AUG 28	1 950 000	1921
1922	---	694 ON APR 12	7.90 ON NOV 04	1 830 000	1922
1923	---	558 ON APR 08	---	---	1923
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		1 880 000	MEAN

GRAND RIVER BELOW SHAND DAM - STATION NO. 02GA016

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1950	---	---	---	---	---	---	3.32	5.30	7.57	4.38	3.99	18.2	---	1950
1951	18.3	4.48	15.8	43.9	4.16	3.10	6.65	7.81	8.35	4.96	9.57	16.4	12.0	1951
1952	15.5	5.12	14.2	17.5	1.82	6.91	9.79	3.83	3.69	2.69	1.66	2.34	7.17	1952
1953	8.05	4.05	12.5	9.82	13.1	7.83	11.2	8.37	6.28	3.70	3.24	4.37	7.58	1953
1954	2.71	11.5	24.9	25.3	2.95	4.67	8.63	8.12	5.97	23.5	16.6	8.81	12.0	1954
1955	9.56	2.68	15.7	27.2	3.01	6.48	8.11	8.09	4.19	1.41	3.24	10.9	8.40	1955
1956	3.52	1.58	7.52	42.4	13.4	3.28	3.67	9.57	18.7	9.02	4.60	5.34	10.2	1956
1957	5.18	7.65	10.5	9.03	5.60	6.88	12.0	12.5	5.76	2.51	4.15	23.7	8.83	1957
1958	6.24	1.99	3.84	3.64	3.66	5.12	4.69	4.19	1.35	1.52	1.35	1.13	3.24	1958
1959	0.933	0.933	3.33	37.0	9.37	6.88	6.44	5.90	4.96	4.67	12.8	9.08	8.51	1959
1960	7.55	5.56	5.88	52.5	26.5	4.73	4.76	5.02	7.87	6.20	3.51	1.52	10.9	1960
1961	0.345	0.827	1.99	12.0	6.52	3.52	4.18	5.37	5.40	5.35	3.52	4.20	4.45	1961
1962	2.75	0.828	1.60	13.7	2.95	3.66	4.19	6.36	5.33	3.37	7.30	4.06	4.68	1962
1963	6.15	3.08	9.08	11.6	10.6	5.23	4.74	5.20	3.93	2.92	1.92	2.09	5.57	1963
1964	3.13	2.69	2.29	5.96	3.46	4.22	4.19	2.96	5.24	3.93	2.85	3.46	3.69	1964
1965	3.46	6.67	9.22	28.8	10.6	4.09	4.58	5.91	5.58	6.93	11.9	19.0	9.73	1965
1966	13.7	3.09	6.47	9.60	7.20	4.86	6.64	3.79	4.80	3.50	2.93	5.17	6.17	1966
1967	5.78	15.9	6.92	25.1	3.80	12.0	13.8	4.52	10.6	11.4	20.8	12.4	13.5	1967
1968	12.0	10.7	17.0	8.86	4.10	6.31	4.02	3.72	6.21	8.10	13.7	23.3	9.75	1968
1969	10.1	12.2	4.69	45.0	16.2	5.43	5.92	6.69	8.54	2.55	4.35	2.36	10.3	1969
1970	1.39	2.22	2.98	26.4	6.69	4.71	6.24	8.03	4.53	3.98	6.10	19.8	7.77	1970
1971	4.07	2.89	7.35	33.4	4.92	4.77	6.29	5.72	3.14	2.24	3.09	2.69	6.69	1971
1972	3.15	4.88	2.66	40.1	8.24	5.94	6.35	6.52	6.07	3.21	2.88	7.79	8.11	1972
1973	9.23	11.6	35.2	15.3	11.1	7.06	5.78	5.34	5.20	3.70	3.01	5.31	9.83	1973
1974	5.73	10.1	20.5	23.7	21.0	5.03	4.90	5.18	4.26	4.57	2.93	2.91	9.22	1974
1975	1.46	3.45	11.9	33.9	5.56	4.30	5.43	5.19	4.75	4.16	3.55	7.71	7.77	1975
1976	4.02	5.21	47.0	11.2	8.51	3.59	6.55	6.81	7.68	9.16	9.43	6.60	10.5	1976
1977	2.33	1.68	24.9	12.1	2.36	2.94	3.66	4.14	7.72	23.5	17.2	15.5	9.89	1977
1978	6.00	2.58	5.20	36.9	10.7	4.09	4.32	4.27	3.20	3.25	4.09	4.40	7.38	1978
1979	15.2	4.34	33.1	35.1	7.76	4.74	4.48	4.34	4.61	3.43	7.66	16.2	11.8	1979
1980	10.6	6.27	5.51	24.2	3.85	5.09	6.73	9.83	7.86	8.17	7.74	11.3	8.91	1980
1981	7.72	17.4	7.54	8.67	4.90	5.88	5.77	5.20	19.3	11.8	10.2	14.9	10.1	1981
1982	5.00	2.52	5.70	39.8	3.89	4.81	4.46	6.32	5.13	4.02	11.6	32.6	10.5	1982
1983	9.48	3.06	8.77	16.5	16.8	5.15	4.23	4.19	4.68	8.06	6.92	8.99	8.11	1983
1984	8.13	20.9	14.5	20.3	2.99	4.53	5.45	5.65	4.73	4.00	5.20	17.0	9.39	1984
1985	13.6	13.2	27.8	48.8	4.58	4.17	4.74	5.88	7.89	5.66	14.9	10.1	14.1	1985
1986	5.99	6.90	21.1	7.89	4.14	3.82	8.50	5.43	37.6	27.6	6.91	7.24	12.0	1986
1987	8.09	3.65	13.6	21.2	2.89	3.97	4.31	4.65	4.24	3.36	3.06	12.3	7.13	1987
1988	7.53	14.5	9.53	12.6	3.93	3.92	3.97	3.77	3.29	3.49	8.61	4.34	6.57	1988
1989	6.69	3.96	10.7	14.0	5.79	14.7	5.02	4.35	3.81	6.23	14.2	9.18	8.21	1989
1990	10.9	14.8	23.5	10.6	8.21	4.76	4.63	4.98	5.38	11.1	19.7	19.8	11.5	1990
MEAN	7.08	6.43	12.8	23.0	7.45	5.30	5.94	5.83	6.96	6.61	7.39	10.8	8.80	MEAN

LOCATION - LAT 43 43 53 N LONG 080 20 36 W
DRAINAGE AREA 800 km^2
REGULATED SINCE 1942

GRAND RIVER BELOW SHAND DAM - STATION NO. 02GA016

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1950	---	---	---	---	1950
1951	---	---	---	---	1951
1952	91.7 ON APR 15	88.6 ON APR 15	0.850 ON MAR 27	177 000	1952
1953	139 ON MAY 02	81.3 ON MAY 02	0.623 ON NOV 17	227 000	1953
1954	259 ON OCT 16	168 ON OCT 17	0.963 ON JUL 01	419 000	1954
			1.16 ON FEB 03	377 000	
1955	---	---	---	---	1955
1956	303 ON APR 07	106 ON APR 15	0.057 ON OCT 06	265 000	1956
1957	190 ON DEC 24	275 ON APR 07	0 ON MAY 03 *	122 000	1957
1958	---	108 ON DEC 24	1.42 ON SEP 18	246 000	1958
1959	---	20.5 ON JAN 01	0.906 ON DEC 30	278 000	1959
		154 ON APR 10	0.793 ON JAN 16	102 000	
				268 000	
1960	160 AT 08:15 EST ON APR 05	148 ON APR 04	0.396B ON DEC 26	346 000	1960
1961	48.1 AT 21:00 EST ON APR 16	29.4 ON APR 17	0.255B ON JAN 16	140 000	1961
1962	76.5 AT 12:00 EST ON APR 07	75.6 ON APR 08	0.778B ON FEB 14	147 000	1962
1963	131 AT 13:00 EST ON MAR 30	94.0 ON MAR 31	0.906 ON FEB 20	176 000	1963
1964	39.9 AT 08:00 EST ON MAR 10	20.3 ON APR 09	1.03 ON MAR 02	117 000	1964
1965	77.3 AT 02:00 EST ON MAY 11	73.3 ON APR 16	2.21 ON JUL 11	307 000	1965
1966	30.9 AT 18:00 EST ON APR 20	28.0 ON MAR 25	1.59 ON NOV 11	195 000	1966
1967	124 AT 15:00 EST ON APR 03	116 ON APR 03	1.59 ON AUG 27	426 000	1967
1968	132 AT 19:00 EST ON NOV 29	108 ON NOV 30	2.54 ON JUN 26	308 000	1968
1969	194 AT 13:24 EST ON APR 18	135 ON APR 06	0.569 ON OCT 12	323 000	1969
1970	127 AT 12:23 EST ON APR 16	98.0 ON APR 16	1.08 E ON JAN 20	245 000	1970
1971	120 AT 15:17 EST ON APR 14	120 ON APR 14	0.946 ON OCT 05	211 000	1971
1972	445 AT 02:05 EST ON APR 19 *	368 ON APR 19 *	2.11 B ON MAR 03	256 000	1972
1973	114 AT 11:06 EST ON MAR 13	110 ON MAR 13	1.64 ON NOV 14	310 000	1973
1974	311 AT 00:01 EST ON MAY 17	188 ON MAY 17	1.84 B ON FEB 25	291 000	1974
1975	125 AT 02:46 EST ON APR 21	125 ON APR 21	2.31 ON MAY 22	245 000	1975
1976	161 AT 19:18 EST ON MAR 23	153 ON MAR 24	1.67 B ON JAN 26	333 000	1976
1977	119 AT 10:04 EST ON MAR 16	118 ON MAR 16	1.27 B ON JAN 31	312 000	1977
1978	182 AT 13:01 EST ON APR 13	142 ON APR 14	1.56 B ON MAR 12	233 000	1978
1979	315 AT 02:22 EST ON APR 15	239 ON APR 15	1.84 ON FEB 23	372 000	1979
1980	61.8 AT 09:51 EST ON APR 09	56.3 ON APR 10	2.95 ON MAR 15	282 000	1980
1981	103 AT 13:00 EST ON FEB 24	102 ON FEB 24	2.14 B ON FEB 10	319 000	1981
1982	152 AT 16:52 EST ON APR 17	129 ON APR 18	1.60 B ON MAR 12	331 000	1982
1983	59.8 AT 08:29 EST ON MAY 03	57.8 ON MAY 04	2.18 ON SEP 07	256 000	1983
1984	75.3 AT 16:27 EST ON FEB 22	73.4 ON FEB 23	1.79 A ON OCT 11	297 000	1984
1985	173 AT 13:22 EST ON APR 06	153 ON APR 06	2.23 ON JUN 12	443 000	1985
1986	91.4 AT 03:19 EST ON MAR 27	90.9 ON MAR 27	2.40 ON MAY 17	377 000	1986
1987	133 AT 18:53 EST ON APR 06	130 ON APR 06	2.29 ON FEB 27	225 000	1987
1988	---	73.5 ON APR 05	3.13 ON SEP 06	208 000	1988
1989	107 AT 20:29 EST ON JUN 22	95.7 ON JUN 23	3.21 ON FEB 16	259 000	1989
1990	123 AT 08:44 EST ON MAR 15	119 ON MAR 14	3.48 ON JUL 28	363 000	1990
				278 000	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX)
B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

GRAND RIVER NEAR DUNDALK - STATION NO. 02GA041

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1984	---	---	---	---	---	---	---	---	---	0.098	1.05	2.02	---	1984
1985	0.475	1.14	2.89	5.95	0.294	0.179	0.049	0.029	0.085	0.258	1.94	0.971	1.18	1985
1986	0.761	0.282	5.12	1.14	0.307	0.087	0.036	0.056	3.97	1.91	0.450	0.395	1.23	1986
1987	0.304	0.194	3.36	2.42	0.130	0.318	0.356	0.070	0.027	0.055	0.644	2.05	0.810	1987
1988	0.610	1.42	2.30	1.80	0.400	0.049	0.017	0.013	0.024	0.076	1.01	0.398	0.655	1988
1989	0.727	0.472	3.03	1.55	0.821	1.22	0.066	0.019	0.018	0.036	1.15	0.323	0.786	1989
1990	0.744	1.35	4.58	1.20	0.913	0.204	0.040	0.017	0.010	0.303	1.68	2.47	1.13	1990
MEAN	0.604	0.795	3.58	2.28	0.478	0.343	0.094	0.034	0.689	0.391	1.13	1.23	0.965	MEAN

LOCATION - LAT 44 08 24 N
LONG 080 21 50 W
DRAINAGE AREA, 62.9 km^2
NATURAL FLOW

REMARKS - STATION ACTIVATED SEP 1984

GRAND RIVER NEAR DUNDALK - STATION NO. 02GA041

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1984	---	---	---	---	1984
1985	---	17.0B ON MAR 29	0.011 ON AUG 13	37 200	1985
1986	34.6 AT 22:14 EST ON SEP 11 *	20.0B ON MAR 26	0.011 ON AUG 06	38 800	1986
1987	28.6 AT 20:20 EST ON APR 05	17.1 ON APR 05	0.014 ON SEP 26	25 500	1987
1988	---	10.0B ON MAR 25	0.011 ON AUG 07	20 700	1988
1989	28.2 AT 22:00 EST ON MAR 29	17.6 ON MAR 29	0.009 ON SEP 20	24 800	1989
1990	---	43.0B ON MAR 12 *	0.007 ON SEP 17 *	35 600	1990
				30 400	MEAN

B - ICE CONDITIONS
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

GRAND RIVER NEAR MARSVILLE - STATION NO. 02GA014

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1947	---	---	---	---	---	---	---	---	0.163	0.135	0.382	4.23	---	1947
1948	2.61	2.86	57.3	14.3	5.25	0.297	6.01	0.199	0.057	0.077	1.22	0.930	7.66	1948
1949	9.32	13.6	35.7	13.6	1.17	0.104	0.046	0.014	0.052	0.334	0.230	19.0	7.75	1949
1950	17.2	1.81	12.0	39.6	2.55	1.16	0.491	0.209	0.102	0.306	5.87	15.9	8.11	1950
1951	12.2	6.84	32.2	49.7	3.04	1.52	0.843	0.138	0.252	4.18	16.6	6.35	11.1	1951
1952	13.6	3.46	15.6	34.3	1.51	0.216	0.103	0.166	3.03	0.921	0.820	4.98	6.54	1952
1953	5.27	5.86	---	---	---	---	---	---	---	---	---	---	---	1953
1964	---	---	---	---	---	---	---	---	---	0.198	0.299	2.52	---	1964
1965	3.24	8.12	7.12	41.2	7.44	1.06	1.58	0.339	0.198	3.68	11.7	19.1	8.68	1965
1966	6.82	6.31	19.9	10.9	6.13	2.73	1.24	1.40	0.909	0.234	7.69	10.5	5.82	1966
1967	11.5	8.41	16.8	27.0	2.25	11.0	12.3	4.60	3.13	14.7	17.3	21.5	12.6	1967
1968	3.21	15.4	33.9	8.92	3.66	0.659	0.754	4.02	5.46	6.77	10.3	11.9	9.33	1968
1969	5.07	7.85	18.9	44.6	13.5	2.34	2.03	0.909	0.355	0.455	3.54	1.97	8.42	1969
1970	1.15	1.68	1.78	44.1	5.19	1.39	3.49	0.758	1.19	3.81	7.72	7.36	6.60	1970
1971	3.11	2.81	2.38	49.3	2.76	1.65	1.57	0.808	0.265	0.199	0.294	4.26	5.99	1971
1972	3.05	1.98	2.97	51.8	5.90	2.24	1.83	1.30	0.309	0.969	3.42	7.54	6.95	1972
1973	12.9	5.75	42.7	17.1	3.28	2.39	1.58	1.58	0.745	0.240	4.63	4.75	8.36	1973
1974	6.44	6.03	24.5	27.1	16.7	1.13	1.31	1.18	0.910	0.328	1.58	1.27	7.38	1974
1975	3.66	3.92	16.0	42.6	5.77	0.566	1.31	0.728	1.27	0.841	1.48	7.48	7.12	1975
1976	2.23	6.26	56.3	11.0	6.93	0.968	2.68	2.08	1.10	5.27	9.16	2.35	9.08	1976
1977	1.26	1.43	39.4	9.85	0.709	0.325	0.610	1.95	9.23	13.4	11.9	8.82	8.47	1977
1978	3.93	1.65	4.47	51.2	8.71	1.46	1.18	0.752	2.96	3.56	3.87	4.48	7.29	1978
1979	3.44	1.27	43.3	29.6	6.85	0.686	0.320	0.542	0.361	1.73	10.6	17.2	9.72	1979
1980	2.69	0.978	17.8	21.6	3.19	1.22	9.52	2.67	3.42	6.04	5.90	8.84	7.00	1980
1981	1.51	31.9	8.85	6.56	5.11	1.68	1.46	6.66	14.1	12.6	11.6	4.54	8.71	1981
1982	6.10	1.13	11.4	45.3	1.44	4.42	1.31	1.97	2.35	2.28	17.9	24.7	9.68	1982
1983	2.37	2.96	15.0	16.0	14.2	2.68	1.09	1.24	1.72	4.37	7.76	6.50	6.60	1983
1984	2.41	29.7	17.1	17.7	3.15	1.40	0.610	1.01	1.78	1.23	7.79	20.4	8.59	1984
1985	5.51	15.1	33.0	43.9	3.46	1.74	0.596	1.43	4.11	3.83	19.4	7.52	11.5	1985
1986	6.99	3.56	33.7	8.15	3.56	1.40	2.22	3.47	33.2	27.2	6.51	6.12	11.5	1986
1987	4.28	2.43	33.1	20.7	0.934	0.849	1.23	0.573	0.521	0.843	4.46	14.8	7.10	1987
1988	5.93	14.2	18.6	19.3	3.17	0.734	0.383	0.456	0.536	1.23	7.68	3.23	5.75	1988
1989	6.43	3.98	17.6	13.1	5.91	11.9	0.879	1.26	1.62	3.06	15.9	4.44	7.16	1989
1990	9.37	13.4	32.7	10.9	7.84	2.98	0.847	0.580	0.768	9.51	18.7	20.2	10.7	1990
MEAN	5.74	7.27	23.4	26.8	5.39	2.13	1.98	1.52	3.07	4.07	7.79	9.25	8.30	MEAN

LOCATION - LAT 43 51 43 N DRAINAGE AREA, 694 km²
LONG 080 16 22 W REGULATED SINCE 1953

GRAND RIVER NEAR MARSVILLE - STATION NO. 02GA014

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1947	---	---	---	---	1947
1948	447 AT 23:00 EST ON MAR 20 *	337 ON MAR 20 *	0.028 ON AUG 08	242 000	1948
1949	255 ON MAR 28	210 ON MAR 28	0 ON JUL 31 *	244 000	1949
1950	399 ON APR 04	236 ON APR 04	0.028 ON AUG 21	256 000	1950
1951	226 ON MAR 30	182 ON MAR 30	0.028 ON JUL 22	351 000	1951
1952	215 ON APR 01	165 ON APR 01	0.028 ON AUG 27	207 000	1952
1953	---	---	---	---	1953
1964	---	---	---	---	1964
1965	151 AT 10:00 EST ON APR 12	136 ON APR 12	0.091 ON AUG 25	274 000	1965
1966	149 AT 00:01 EST ON JAN 01	89.8 ON JAN 01	0.164 ON OCT 07	184 000	1966
1967	206 AT 01:45 EST ON APR 03	151 ON APR 03	0.181 ON JUN 07	397 000	1967
1968	168 AT 07:30 EST ON NOV 29	145 ON NOV 29	0.229 ON JUL 24	295 000	1968
1969	161 AT 15:04 EST ON APR 18	140 ON APR 05	0.244 ON OCT 07	265 000	1969
1970	204 AT 21:44 EST ON APR 14	161 ON APR 15	0.201 ON AUG 27	208 000	1970
1971	204 AT 17:07 EST ON APR 13	194 ON APR 13	0.116 ON OCT 08	189 000	1971
1972	388 AT 21:49 EST ON APR 18	264 ON APR 18	0.057 ON SEP 23	220 000	1972
1973	165 AT 03:01 EST ON MAR 12	143 ON MAR 12	0.099 ON OCT 12	264 000	1973
1974	191 AT 12:16 EST ON APR 04	178 ON APR 04	0.170 ON SEP 24	233 000	1974
1975	331 AT 12:04 EST ON APR 19	306 ON APR 19	0.314 ON JUN 27	224 000	1975
1976	328 AT 09:04 EST ON MAR 21	289 ON MAR 21	0.255 ON JUN 24	287 000	1976
1977	292 AT 18:08 EST ON MAR 13	243 ON MAR 13	0.136 ON JUN 24	267 000	1977
1978	202 AT 00:32 EST ON APR 13	174 ON APR 13	0.459 ON SEP 09	230 000	1978
1979	280 AT 19:04 EST ON APR 14	197 ON APR 14	0.031 ON JUL 16	307 000	1979
1980	215 AT 15:48 EST ON MAR 21	145 ON MAR 21	0.345 ON JUL 07	221 000	1980
1981	200 AT 17:45 EST ON FEB 23	163 ON FEB 23	0.395 ON JUL 14	275 000	1981
1982	294 AT 18:30 EST ON MAR 31	171 ON APR 01	0.354 ON JUL 16	305 000	1982
1983	60.0 AT 19:14 EST ON APR 10	46.6 ON APR 15	0.208 ON SEP 13	208 000	1983
1984	265 AT 15:52 EST ON DEC 29	214 ON DEC 29	0.278 ON JUL 24	272 000	1984
1985	202 AT 19:43 EST ON MAR 28	171 ON MAR 29	0.382 ON AUG 13	364 000	1985
1986	193 AT 12:22 EST ON SEP 12	173 ON SEP 12	0.386 ON JUL 11	362 000	1986
1987	228 AT 00:57 EST ON APR 06	173 ON APR 06	0.291 ON AUG 06	224 000	1987
1988	128 B AT 21:20 EST ON MAR 26	88.5B ON MAR 26	0.222 ON JUL 13	162 000	1988
1989	186 AT 08:30 EST ON MAR 28	170 ON MAR 28	0.500B ON MAR 01	226 000	1989
1990	---	220 B ON MAR 13	0.341 ON JUL 19	336 000	1990
				262 000	MEAN

B - ICE CONDITIONS * - EXTREME RECORDED FOR THE PERIOD OF RECORD

GRAVEL RIVER NEAR CAVERS - STATION NO. 02AE001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1974	---	---	---	---	---	---	---	---	---	---	6.64	3.26	---	1974
1975	3.27	1.91	1.46	6.81	26.8	17.6	4.37	1.09	1.05	6.07	8.99	5.95	7.14	1975
1976	3.07	1.79	1.42	32.6	22.3	13.0	5.82	1.85	0.750	0.910	1.64	1.47	7.20	1976
1977	0.985	0.794	2.79	18.9	13.0	5.96	10.8	6.58	25.0	11.6	12.1	4.15	9.39	1977
1978	1.45	0.673	0.300	1.97	17.1	12.0	5.12	2.74	1.81	4.15	3.01	1.70	4.36	1978
1979	0.934	0.732	1.01	10.1	39.1	10.9	2.72	1.89	5.17	10.6	17.3	4.40	8.78	1979
1980	1.74	0.881	1.07	11.7	23.2	3.45	1.75	3.27	17.3	15.9	9.48	2.38	7.68	1980
1981	1.23	1.17	1.72	10.2	11.7	11.7	5.96	1.06	0.929	3.67	2.28	2.59	4.94	1981
1982	1.37	1.05	0.976	6.75	42.6	9.82	9.37	3.21	4.07	19.1	15.3	6.95	10.2	1982
1983	2.66	1.43	2.11	9.25	24.5	9.04	3.47	1.51	0.353	0.527	10.7	3.96	4.81	1983
1984	1.31	1.42	1.25	23.2	20.4	18.3	11.0	4.33	1.85	5.48	10.3	17.4	9.69	1984
1985	3.40	1.39	1.19	14.3	15.8	9.91	10.0	12.5	16.0	20.0	20.0	3.23	10.7	1985
1986	1.86	1.22	0.855	16.7	20.1	7.67	7.76	2.33	3.10	6.79	9.93	3.24	6.82	1986
1987	1.58	1.19	1.15	10.4	5.52	3.74	1.76	2.36	4.71	7.17	7.66	3.39	4.22	1987
1988	1.76	1.26	1.13	10.2	20.3	5.99	3.61	19.6	19.9	16.1	16.9	5.82	10.2	1988
1989	3.08	2.40	1.71	5.13	39.1	9.77	3.98	1.37	1.26	2.08	7.16	3.02	6.71	1989
1990	1.57	1.28	3.80	26.6	23.8	7.75	5.23	1.73	5.16	19.3	9.34	3.11	9.08	1990
MEAN	1.95	1.29	1.50	13.3	23.1	9.69	5.74	4.16	6.79	9.98	10.1	4.64	7.72	MEAN

LOCATION - LAT 48 55 34 N DRAINAGE AREA, 616 km²
LONG 067 41 27 W NATURAL FLOW

GRAVEL RIVER NEAR CAVERS - STATION NO. 02AE001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1974	---	---	---	---	1974
1975	62.6 AT 14:36 EST ON JUN 17	59.7 ON JUN 17	0.697 ON SEP 17	225 000	1975
1976	149 AT 14:41 EST ON APR 20 *	105 ON APR 20 *	0.614 ON SEP 28	228 000	1976
1977	96.6 AT 14:19 EST ON SEP 10	92.9 ON SEP 10	0.756B ON FEB 25	296 000	1977
1978	28.9 AT 00:49 EST ON MAY 10	28.6 ON MAY 10	0.229B ON MAR 24 *	138 000	1978
1979	92.6 AT 12:52 EST ON MAY 12	91.1 ON MAY 12	0.690B ON FEB 21	277 000	1979
1980	61.5 AT 02:45 EST ON MAY 02	61.3 ON MAY 01	0.760B ON FEB 20	243 000	1980
1981	21.3 AT 18:09 EST ON MAY 05	21.0 ON MAY 05	0.687 ON AUG 31	156 000	1981
1982	82.2 AT 22:39 EST ON MAY 07	81.0 ON MAY 07	0.962B ON MAR 23	322 000	1982
1983	41.5 AT 13:08 EST ON MAY 14	40.7 ON MAY 14	0.338E ON SEP 08	204 000	1983
1984	63.4 AT 05:20 EST ON APR 29	60.7 ON APR 29	0.970B ON FEB 08	306 000	1984
1985	81.0 AT 20:14 EST ON NOV 03	77.9 ON NOV 03	1.14 B ON MAR 18	337 000	1985
1986	61.5 AT 02:24 EST ON APR 30	59.9 ON APR 29	0.825B ON MAR 25	216 000	1986
1987	16.5 AT 10:59 EST ON APR 21	16.3 ON APR 21	1.02 B ON MAR 14	133 000	1987
1988	69.0 AT 08:23 EST ON SEP 21	66.1 ON SEP 21	0.920B ON MAR 22	224 000	1988
1989	72.1 AT 05:35 EST ON MAY 07	68.3 ON MAY 07	0.829 ON SEP 18	212 000	1989
1990	---	96.0E ON APR 28	0.907 ON AUG 24	286 000	1990
				244 000	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

GREENWATER CREEK AT OUTLET OF GREENWATER LAKE - STATION NO. 02AB012

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1945	---	---	1.07	1.82	0	0	1.05	3.66	0	0	0.008	0.680	---	1945
1946	---	---	0.281	---	---	---	---	3.08	---	---	---	---	---	1946
1947	0.092	0.666	0.711	---	---	---	---	---	---	---	---	---	---	1947
1948	0.279	3.50	3.63	0	0	0.425	0.425	1.07	0.038	1.13	1.13	1.96	1.13	1948
1950	1.25	1.04	0.974	0.566	0.637	3.05	4.38	1.95	0.787	0.660	0.585	1.19	1.43	1950
1951	---	---	---	---	---	---	---	---	---	1.02	1.22	0.935	---	1951
1952	0.721	1.22	0.901	0.910	0.283	0.566	0.688	1.58	1.11	0.757	0.730	1.19	0.887	1952
1953	1.11	0.708	0.627	0.566	0.566	0.802	1.18	0.878	0.671	0.595	3.33	0.566	0.964	1953
1954	0.566	0.566	0.566	0.566	0.907	1.54	1.14	1.67	1.24	2.37	2.27	2.28	1.32	1954
1955	1.50	1.41	0.993	0.606	0.566	0.566	0.425	0.425	0.425	0.425	0.425	0.425	0.679	1955
1956	0.425	2.64	1.27	1.27	1.27	1.27	1.27	1.25	1.13	1.13	1.13	2.00	1.33	1956
1957	2.14	1.86	1.49	1.13	1.13	1.31	2.23	1.72	1.44	1.13	1.13	2.55	1.62	1957
1958	1.98	2.17	1.76	1.13	1.13	1.13	1.13	1.13	1.13	1.13	1.13	0.991	1.32	1958
1959	0.850	0.850	0.850	0.850	0.850	0.991	0.991	0.991	0	0.018	0.413	1.19	0.738	1959
1960	1.87	0.878	0.229	0	0	0	0.022	0.181	0.255	0.255	0.255	1.55	0.459	1960
1961	2.22	2.39	0.480	0.697	1.15	1.62	0.867	1.07	0.957	0.793	0.783	0.901	1.15	1961
1962	0.869	1.43	0.756	0	0.327	0.604	0.697	0.810	0.400	0.232	1.22	0.856	0.660	1962
1963	0.577	0.362	0.236	0	0	0	0.912	0.976	0.707	0.631	0.880	0.984	0.525	1963
1964	1.01	0.993	0.948	1.10	1.94	0.387	4.00	2.13	0.967	3.07	2.79	1.69	1.75	1964
1965	2.48	2.70	2.47	2.56	1.17	2.22	1.17	1.57	2.32	0.995	1.52	1.42	1.84	1965
1966	2.29	2.00	2.14	3.80	2.05	3.03	1.10	0.800	1.46	2.40	0.367	0.445	1.88	1966
1967	2.56	2.52	2.06	2.50	2.18	2.87	0.998	1.02	1.07	1.15	1.82	1.65	1.75	1967
1968	1.37	1.68	4.26	0.721	1.15	0.870	1.63	1.15	0.916	1.30	2.19	3.11	1.86	1968
1969	1.07	1.41	3.36	3.89	5.17	4.68	3.66	0.551	0.098	0.252	0.266	0.362	2.07	1969
1970	0.269	0.969	2.04	0.711	2.63	3.46	3.19	2.54	1.72	1.16	1.09	1.11	1.75	1970
1971	1.25	1.20	0.963	0.736	1.14	0.838	1.59	4.22	2.43	2.93	0.653	1.48	1.63	1971
1972	1.95	1.42	0.775	0.195	0.300	0.399	0.440	0.328	0.566	0.566	0.566	0.375	0.683	1972
1973	0.227	0.404	1.11	1.42	1.09	2.54	0	0.002	0.169	0.305	0.350	0.328	0.978	1973
1974	3.51	3.96	3.49	1.76	2.55	3.68	7.82	3.87	1.20	0.982	1.70	1.08	2.97	1974
1975	0.734	0.454	0.267	0.157	2.21	2.34	2.17	2.07	1.12	1.34	2.08	1.56	1.38	1975
1976	1.29	1.03	0.753	1.21	2.16	2.89	2.41	1.52	0.297	0.206	0.101	0.016	1.16	1976
1977	0	0	0	0	0.381	1.14	---	1.15	4.16	2.05	1.62	---	---	1977
1978	1.90	---	1.58	1.30	1.94	1.78	---	---	---	---	---	---	---	1978
1980	---	---	---	---	---	---	---	---	---	0	0	---	---	1980
1988	---	---	---	0	---	---	---	---	---	---	---	---	---	1988
MEAN	1.20	1.45	1.36	1.10	1.33	1.57	1.70	1.52	0.993	0.999	1.09	1.20	1.33	MEAN

LOCATION - LAT 48 36 28 N DRAINAGE AREA 174 km²
LONG 090 27 21 W REGULATED SINCE 1953

REMARKS - DAILY DISCHARGES PRIOR TO 1975 HAVE NOT BEEN PUBLISHED

GREENWATER CREEK AT OUTLET OF GREENWATER LAKE - STATION NO. 02AB012

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1945	---	---	---	---	1945
1946	---	---	---	---	1946
1947	---	---	---	---	1947
1948	---	5.24 ON MAR 01	0 ON JAN 01 *	35 800	1948
1950	---	5.61R ON AUG 02	0.566 ON APR 01	45 000	1950
1951	---	---	---	---	1951
1952	---	2.44R ON AUG 12	0.283 ON MAY 01	28 100	1952
1953	---	4.96 ON NOV 04	0.566 ON MAR 25	30 400	1953
1954	---	2.55 ON OCT 01	0.566 ON JAN 01	41 600	1954
1955	---	1.70 ON JAN 01	0.425 ON JUL 01	21 400	1955
1956	---	3.82 ON FEB 01	0.425 ON JAN 01	42 000	1956
1957	---	3.14R ON NOV 29	1.13 ON APR 01	51 100	1957
1958	---	2.27 ON FEB 01	0.850R ON DEC 30	41 700	1958
1959	---	1.84 ON DEC 31	0 ON SEP 01	23 300	1959
1960	---	2.63 ON JAN 01	0 ON APR 01	14 500	1960
1961	---	2.80 ON FEB 01	0.425 ON MAR 01	36 300	1961
1962	---	1.93R ON NOV 14	0 ON APR 01	20 800	1962
1963	---	1.44R ON NOV 20	0 ON APR 01	16 500	1963
1964	---	6.51 ON JUL 04	0 R ON JUN 05	55 500	1964
1965	---	3.71R ON AUG 26	0.085R ON MAY 15	57 900	1965
1966	---	3.99 ON APR 25	0.227 ON OCT 31	59 400	1966
1967	---	5.03 ON JUN 04	0.255 ON APR 04	55 200	1967
1968	---	5.66R ON MAR 11	0 R ON MAY 20	38 700	1968
1969	---	5.52R ON MAY 11	0.085RE ON SEP 08	65 200	1969
1970	---	4.25R ON JUN 15	0.255R ON JAN 09	55 100	1970
1971	---	5.38R ON AUG 09	0 ON NOV 01	52 100	1971
1972	---	1.98 ON JAN 01	0.057RE ON AUG 21	21 600	1972
1973	---	3.68R ON MAR 27	0 ON JUL 01	30 800	1973
1974	---	10.5 ON JUL 10 *	0.680RE ON SEP 15	93 700	1974
1975	---	3.09R ON MAY 18	0.113RE ON APR 14	43 600	1975
1976	---	3.26RE ON JUN 27	0 ON DEC 13	36 600	1976
1977	---	5.58E ON SEP 12	0 ON JAN 01	---	1977
1978	---	---	---	---	1978
1980	---	---	---	---	1980
1988	---	---	---	---	1988
	E - ESTIMATED	* - EXTREME RECORDED FOR THE PERIOD OF RECORD R - REVISED SINCE JAN 01 1989		42 000	MEAN

GRINDSTONE CREEK ABOVE HIGHWAY NO. 403 - STATION NO. 02HB006

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1958	---	---	---	---	---	---	---	---	0.178	0.117	0.251	0.285	---	1958
1959	0.796	0.427	2.16	2.63	0.440	0.085	0.104	0.042	0.040	---	---	---	---	1959
1960	---	---	---	---	---	---	---	---	---	0.101	0.125	0.131	---	1960
1961	0.081	1.63	1.43	1.76	0.717	0.335	0.295	0.829	0.224	0.103	0.142	0.306	0.647	1961
1962	0.109	0.159	3.06	0.876	0.207	0.155	0.057	0.026	0.100	0.590	1.36	0.451	0.614	1962
1963	0.138	0.142	2.29	0.775	0.447	0.103	0.142	0.086	0.034	0.025	0.085	0.082	0.365	1963
1964	0.430	0.058	1.50	1.19	0.520	0.192	0.281	0.440	0.233	0.139	0.213	0.593	0.484	1964
1965	0.600	1.67	2.05	3.12	0.447	0.050	0.058	0.082	0.095	---	---	---	---	1965
MEAN	0.372	0.681	2.08	1.73	0.463	0.153	0.156	0.251	0.129	0.179	0.363	0.325	0.528	MEAN

LOCATION - LAT 43 18 26 N
LONG 079 52 08 W
DRAINAGE AREA, 72.5 km²
NATURAL FLOW

GRINDSTONE CREEK ABOVE HIGHWAY NO. 403 - STATION NO. 02HB006

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1958	---	---	---	---	1958
1959	---	11.4 ON APR 03	---	---	1959
1960	---	---	---	---	1960
1961	---	11.6 ON FEB 25	0.057B ON JAN 20	20 400	1961
1962	---	11.6 E ON NOV 10	0.023 ON AUG 04	19 400	1962
1963	---	11.8 E ON MAR 26 *	0.003E ON JUN 20 *	11 500	1963
1964	---	3.14 ON MAR 26	0.020B ON FEB 21	15 300	1964
1965	---	8.35 ON FEB 11	0.008 ON JUL 01	---	1965
				16 700	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

GRINDSTONE CREEK NEAR ALDERSHOT - STATION NO. 02HB012

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1965	---	---	---	---	---	---	---	---	---	0.305	0.767	1.07	---	1965
1966	0.561	0.630	2.64	1.01	0.670	0.301	0.083	0.075	0.076	0.112	0.187	0.066	0.619	1966
1967	0.409	0.350	1.77	2.13	0.756	0.686	0.318	0.166	0.157	0.206	0.349	0.947	0.695	1967
1968	0.938	2.94	3.47	0.949	0.375	0.306	0.128	0.341	0.310	0.215	1.29	1.42	1.04	1968
1969	2.72	0.747	1.69	2.67	1.17	0.281	0.217	0.193	0.086	0.136	0.198	0.215	0.864	1969
1970	0.183	0.286	1.93	2.08	0.548	0.104	0.102	0.139	0.120	0.223	0.418	0.993	0.595	1970
1971	0.559	1.54	2.37	2.76	0.284	0.214	0.069	0.082	0.071	0.110	0.129	0.499	0.716	1971
1972	1.06	0.238	2.84	1.70	0.933	0.506	0.522	1.03	0.110	0.400	1.11	1.44	1.16	1972
1973	1.47	1.58	3.51	1.99	1.02	0.385	0.246	0.167	0.088	0.489	1.53	1.45	1.30	1973
1974	2.59	2.25	2.35	1.82	1.95	0.621	0.169	0.092	0.076	0.077	0.180	0.253	1.03	1974
1975	0.510	1.62	2.38	1.31	0.530	0.214	0.088	0.161	0.313	0.307	0.598	0.843	0.733	1975
1976	0.725	3.85	5.01	1.74	1.46	0.319	0.320	0.178	0.330	0.343	0.284	0.197	1.23	1976
1977	0.099	0.201	3.48	1.83	0.352	0.183	0.208	0.150	0.648	1.08	1.26	1.92	0.958	1977
1978	1.14	0.634	3.65	1.48	1.00	0.225	0.102	0.091	0.266	0.266	0.389	0.582	0.991	1978
1979	0.883	0.500	4.11	3.60	0.936	0.424	0.263	0.144	0.101	0.112	0.333	1.20	1.05	1979
1980	0.635	0.240	1.92	2.15	0.867	0.332	0.129	0.090	0.121	0.149	0.172	0.337	0.596	1980
1981	0.092	2.41	0.650	0.561	0.474	0.185	0.134	0.188	0.419	0.669	0.783	0.517	0.578	1981
1982	0.333	0.220	5.13	3.21	0.425	0.991	0.173	0.445	0.509	0.465	1.38	2.80	1.33	1982
1983	0.957	1.58	1.49	1.68	1.52	0.407	0.124	0.152	0.097	0.164	0.542	1.25	0.826	1983
1984	0.386	2.87	1.52	2.24	1.10	0.584	0.194	0.136	0.357	0.119	0.372	0.625	0.864	1984
1985	0.522	2.02	3.95	1.09	0.300	0.198	0.130	0.155	0.132	0.183	3.07	1.03	1.12	1985
1986	0.531	0.607	3.17	1.13	0.704	0.311	0.266	0.243	0.758	1.28	1.19	1.67	0.992	1986
1987	0.888	0.455	2.17	2.61	0.362	0.253	0.220	0.256	0.194	0.174	0.438	1.16	0.768	1987
1988	0.372	0.494	1.18	0.867	0.369	0.076	0.102	0.116	0.160	0.181	0.571	0.424	0.409	1988
1989	0.400	0.356	1.32	0.989	0.531	0.544	0.104	0.071	0.097	0.116	0.368	0.217	0.424	1989
1990	1.18	1.60	2.27	1.06	1.43	0.332	0.175	0.205	0.135	0.404	0.734	2.50	1.00	1990
MEAN	0.805	1.21	2.72	1.98	0.803	0.359	0.183	0.203	0.230	0.319	0.718	1.01	0.876	MEAN

LOCATION - LAT 43 18 03 N
LONG 079 52 10 W
DRAINAGE AREA, 82.6 km²
NATURAL FLOW

GRINDSTONE CREEK NEAR ALDERSHOT - STATION NO. 02HB012

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1965	---	---	---	---	1965
1966	---	7.93 ON MAR 05	0.042 ON JUL 24	19 500	1966
1967	---	9.43 ON APR 03	0.085B ON DEC 05	21 900	1967
1968	---	11.3 B ON FEB 02	0.068 ON AUG 04	33 000	1968
1969	---	13.6 B ON JAN 30	0.068 ON AUG 23	27 300	1969
1970	7.05 AT 23:45 EST ON APR 02	5.80 ON APR 03	0.042 ON AUG 26	18 800	1970
1971	14.2 AT 09:55 EST ON APR 02	12.2 ON APR 02	0.027 ON JUL 20 *	22 600	1971
1972	11.0 AT 10:50 EST ON MAR 22	7.65 ON MAR 22	0.076 ON SEP 23	36 700	1972
1973	20.4 AT 12:30 EST ON MAR 14	11.4 B ON MAR 04	0.040 ON AUG 31	41 000	1973
1974	25.6 AT 15:00 EST ON JAN 27	17.0 ON JAN 27	0.057 ON AUG 28	32 500	1974
1975	28.6 AT 19:30 EST ON FEB 24	12.3 ON FEB 24	0.031 ON AUG 02	23 100	1975
1976	19.8 AT 01:00 EST ON MAR 20	17.4 ON MAR 20	0.068 ON SEP 08	38 800	1976
1977	28.1 AT 09:33 EST ON MAR 13	21.4 ON MAR 13	0.040 ON SEP 11	30 200	1977
1978	27.1 AT 19:15 EST ON APR 01	12.6 ON APR 01	0.040 ON AUG 21	31 300	1978
1979	32.9 AT 09:34 EST ON APR 14*	24.5 B ON MAR 05	0.063 ON SEP 30	33 200	1979
1980	30.7 AT 14:52 EST ON MAR 21	16.3 ON MAR 21	0.062 ON JUL 18	18 800	1980
1981	---	11.5 B ON FEB 17	0.054B ON JAN 12	18 200	1981
1982	44.8 AT 21:17 EST ON MAR 31 *	33.0 ON MAR 31 *	0.082 ON AUG 19	42 000	1982
1983	12.1 AT 11:26 EST ON FEB 03	9.81 ON FEB 03	0.051 ON JUL 28	26 100	1983
1984	23.0 B AT 16:25 EST ON FEB 14	18.0 B ON FEB 14	0.053 ON OCT 06	27 300	1984
1985	20.4 AT 20:13 EST ON FEB 24	13.2 ON FEB 24	0.030 ON AUG 04	35 400	1985
1986	16.0 AT 18:11 EST ON MAR 19	12.4 ON MAR 19	0.084 ON SEP 09	31 300	1986
1987	11.0 AT 17:34 EST ON APR 05	8.95 ON APR 05	0.071 ON AUG 23	24 200	1987
1988	6.90 AT 05:23 EST ON MAR 26	6.05 ON MAR 26	0.027 ON JUL 13	12 900	1988
1989	6.06 AT 02:17 EST ON MAR 26	4.38 ON MAR 26	0.040 ON SEP 04	13 400	1989
1990	19.6 AT 01:35 EST ON DEC 30	12.8 ON DEC 30	0.067 ON AUG 09	31 600	1990
				27 600	MEAN

B - ICE CONDITIONS

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

GROUNDHOG RIVER AT FAUQUIER - STATION NO. 04LD001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1920	---	---	---	---	---	---	---	34.7	20.3	18.8	17.6	19.7	---	1920
1921	17.5	14.7	19.0	297	342	122	78.8	58.6	63.1	162	61.9	51.3	108	1921
1922	47.7	40.0	34.2	233	949	160	112	67.3	25.3	26.9	47.6	38.5	153	1922
1923	30.3	23.6	21.1	72.5	354	119	96.2	50.1	138	68.4	78.4	46.1	91.9	1923
1924	28.5	26.9	26.2	90.0	350	185	66.9	62.9	86.6	39.7	33.7	40.2	86.6	1924
1925	25.5	23.6	24.2	163	286	338	216	127	45.4	84.3	83.1	66.8	124	1925
1926	37.9	26.3	18.6	27.9	458	212	298	103	91.6	101	114	83.0	127	1926
1927	52.9	42.1	31.4	347	357	207	108	72.8	39.7	141	85.3	54.3	147	1927
1928	49.8	42.1	36.1	117	910	431	262	149	327	494	307	118	273	1928
1929	72.1	28.0	43.3	258	477	314	143	61.6	85.2	181	242	76.9	166	1929
1930	35.1	49.5	61.5	112	638	305	200	66.6	54.8	100	74.0	42.8	147	1930
1931	45.8	39.6	51.0	219	427	115	47.4	29.1	43.0	110	214	129	123	1931
1932	73.0	72.2	75.8	85.4	457	103	115	87.4	124	174	188	78.2	137	1932
1933	64.8	64.0	38.7	279	546	197	67.9	52.9	64.0	29.1	49.8	22.8	123	1933
1934	13.6	48.1	47.9	40.2	675	223	70.8	53.5	110	74.6	141	113	135	1934
1935	43.0	50.0	59.0	161	472	204	137	79.1	65.3	149	105	44.2	131	1935
1936	32.0	45.9	41.9	68.5	745	246	77.0	35.8	40.0	45.0	47.0	27.8	122	1936
1937	28.2	43.6	45.3	134	467	102	164	179	91.3	177	150	91.1	140	1937
1938	45.9	54.8	54.8	441	601	422	114	135	52.3	31.2	66.1	46.4	172	1938
1939	43.4	45.3	52.7	72.9	795	298	156	48.9	82.4	124	85.9	37.3	155	1939
1940	44.7	46.2	46.6	37.6	484	351	184	58.3	111	78.2	139	66.8	139	1940
1941	31.5	40.5	54.6	321	537	158	94.5	137	277	397	234	196	208	1941
1942	88.4	74.1	91.5	332	475	110	48.4	36.1	118	218	121	54.0	147	1942
1943	43.8	49.4	52.4	83.9	407	371	155	58.3	45.0	44.8	69.6	40.7	119	1943
1944	38.0	54.3	59.6	97.4	430	149	47.0	77.9	167	165	88.5	51.1	119	1944
1945	53.0	55.1	109	339	244	266	135	45.0	46.3	69.6	135	62.3	130	1945
1946	48.1	54.3	94.7	269	420	248	110	63.3	81.1	56.1	142	107	143	1946
1947	54.5	56.6	67.4	68.7	763	610	152	64.0	63.6	54.0	34.8	25.9	166	1947
1948	24.2	26.5	29.8	220	333	104	93.0	98.9	59.7	82.0	112	93.4	104	1948
1949	53.5	66.8	68.6	184	505	172	65.0	33.9	29.6	30.7	47.5	35.7	108	1949
1950	43.0	49.6	57.8	64.6	731	481	257	70.1	54.1	103	118	87.9	177	1950
1951	62.3	64.7	71.9	351	475	163	118	70.5	70.4	183	243	138	184	1951
1952	68.9	76.3	74.4	270	445	292	177	108	64.6	55.1	105	139	156	1952
1953	69.6	77.9	91.9	205	685	285	132	58.7	133	96.0	75.7	139	171	1953
1954	67.9	72.5	77.9	239	601	250	134	66.9	64.6	271	210	81.9	179	1954
1955	63.6	61.5	66.6	317	294	123	33.8	29.3	23.8	81.4	85.7	53.1	103	1955
1956	53.6	54.1	58.3	72.8	547	153	135	67.5	130	64.1	48.1	42.7	133	1956
1957	44.7	49.6	54.5	208	407	172	192	48.4	72.0	79.8	221	99.9	144	1957
1958	66.9	55.1	74.2	188	182	209	97.6	48.8	99.4	141	162	74.4	117	1958
1959	54.0	48.5	54.3	86.9	483	174	33.5	51.9	69.8	107	135	61.0	114	1959
1960	56.6	51.8	65.0	189	1 160	235	64.5	88.2	70.6	72.9	128	61.2	188	1960
1961	52.3	38.8	48.9	204	495	349	300	132	340	236	173	114	208	1961
1962	71.8	74.3	69.5	110	682	168	54.5	117	240	77.2	56.1	59.0	149	1962
1963	48.9	51.6	66.8	188	351	290	125	85.1	88.1	70.9	68.1	73.5	142	1963
1964	76.7	77.6	48.1	315	559	335	143	78.8	115	222	181	90.2	187	1964
1965	78.4	80.2	52.7	89.9	668	122	79.2	110	173	237	116	78.2	158	1965
1966	75.2	78.2	72.2	216	524	268	77.0	79.0	45.6	258	157	107	164	1966
1967	90.6	91.6	69.6	192	707	281	116	95.0	45.5	52.4	62.0	50.7	172	1967
1968	49.2	53.9	89.3	470	730	373	---	---	---	---	---	---	---	1968
1969	67.0	88.6	54.8	249	566	198	---	---	---	---	---	---	---	1969
1970	---	---	---	---	---	302	---	---	---	71.1	69.5	64.5	---	1970
1971	60.2	65.0	54.2	100	637	220	94.6	50.4	63.6	85.3	147	81.7	139	1971
1972	68.1	57.9	68.0	54.5	565	328	159	100	105	143	76.8	49.0	148	1972
1973	51.7	70.9	81.2	359	464	198	148	146	155	119	95.2	65.4	163	1973
1974	53.9	75.4	73.5	59.9	562	297	127	84.9	82.3	180	127	56.4	149	1974
1975	79.5	60.2	41.7	70.4	432	301	47.2	19.2	27.5	40.1	116	83.6	110	1975
1976	45.7	46.4	91.0	483	489	130	77.3	59.8	21.0	25.4	22.5	25.8	126	1976
1977	42.0	38.5	41.2	462	262	92.8	49.0	27.2	125	88.5	149	70.8	120	1977
1978	51.3	46.8	50.8	33.4	597	340	238	70.4	88.5	203	80.8	56.2	156	1978
1979	37.7	40.2	34.4	206	715	354	111	62.3	83.2	216	182	80.5	178	1979
1980	48.5	51.8	53.6	252	359	191	88.1	42.2	54.8	136	64.8	44.7	116	1980
1981	47.1	57.9	62.0	304	478	173	75.9	27.5	29.7	61.5	82.7	46.7	127	1981
1982	43.1	42.7	41.0	105	424	91.1	147	45.2	127	310	196	84.6	139	1982
1983	47.6	38.7	78.6	142	767	475	112	56.8	89.5	156	84.6	57.8	176	1983
1984	59.7	63.2	56.2	320	249	210	302	72.8	38.5	68.7	129	90.3	138	1984
1985	72.3	58.6	61.8	267	471	175	147	87.7	38.6	89.9	117	64.3	138	1985
1986	47.1	49.1	43.0	368	351	85.2	53.2	135	145	217	143	80.6	143	1986
1987	48.6	44.1	81.1	232	114	104	108	87.1	30.9	82.5	68.0	49.8	87.7	1987
1988	40.1	67.7	34.5	265	435	117	48.5	132	85.9	98.3	265	167	149	1988
1989	65.7	87.1	52.2	104	640	311	95.2	60.8	44.9	63.7	135	59.2	144	1989
1990	64.5	61.4	96.1	340	574	242	207	68.9	94.3	290	196	92.2	195	1990
MEAN	52.2	54.2	57.7	210	514	238	125	74.5	89.3	125	119	72.2	145	MEAN

LOCATION - LAT 49 19 07 N
LONG 082 02 25 W

DRAINAGE AREA, 11 900 km²
REGULATED

GROUNDHOG RIVER AT FAUQUIER - STATION NO. 04LD001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1920	---	---	---	---	1920
1921	---	795R ON APR 27	13.7 B ON FEB 01	3 400 000	1921
1922	---	1 670R ON MAY 08	16.7 ON OCT 06	4 830 000	1922
1923	---	646R ON MAY 06	20.8 RB ON MAR 12	2 900 000	1923
1924	---	430R ON APR 29	23.5 ON NOV 04	2 740 000	1924
1925	---	575R ON APR 27	23.2 B ON JAN 30	3 910 000	1925
1926	---	640 ON MAY 13	14.7 B ON APR 10	4 000 000	1926
1927	---	969R ON APR 21	19.8 ON SEP 20	4 640 000	1927
1928	---	1 350 ON MAY 11	14.3 RB ON MAR 12	6 630 000	1928
1929	---	748 ON MAY 24	22.7 RB ON MAR 02	5 220 000	1929
1930	---	1 060 ON MAY 06	28.2 RB ON JAN 14	4 620 000	1930
1931	---	575 ON APR 26	8.61 ON AUG 30	3 880 000	1931
1932	---	691 ON MAY 11	36.0 RB ON FEB 11	4 320 000	1932
1933	---	855 ON APR 24	13.3 ON OCT 08	3 880 000	1933
1934	---	974 ON MAY 06	7.08RB ON JAN 20 *	4 250 000	1934
1935	---	643 ON MAY 11	36.0 RB ON JAN 24	4 140 000	1935
1936	---	1 320 ON MAY 13	24.4 ON AUG 02	3 840 000	1936
1937	---	1 010 ON MAY 03	28.2 B ON JAN 01	4 430 000	1937
1938	---	1 210 ON APR 28	21.0 ON OCT 23	5 430 000	1938
1939	---	1 320 ON MAY 09	21.8 ON AUG 18	4 880 000	1939
1940	---	677 ON JUN 06	28.0 RB ON JAN 17	4 400 000	1940
1941	---	1 120 ON MAY 06	23.5 RB ON JAN 21	6 550 000	1941
1942	---	1 040 ON APR 25	23.8 ON AUG 10	4 630 000	1942
1943	---	739 ON MAY 07	28.0 ON NOV 01	3 740 000	1943
1944	---	818 ON MAY 06	33.7 ON JUL 25	3 760 000	1944
1945	---	547 ON APR 12	25.2 ON AUG 13	4 090 000	1945
1946	---	974 ON MAY 26	37.7 RB ON JAN 24	4 520 000	1946
1947	---	1 490 ON MAY 19	11.6 ON OCT 22	5 230 000	1947
1948	---	827 ON APR 28	20.1 ON SEP 28	3 290 000	1948
1949	---	883 ON MAY 03	16.6 E ON AUG 26	3 410 000	1949
1950	---	1 340 ON MAY 28	39.4 B ON JAN 01	5 600 000	1950
1951	---	929 ON APR 30	49.3 ON AUG 20	5 820 000	1951
1952	---	753 ON APR 24	49.3 ON OCT 15	4 950 000	1952
1953	---	1 030 ON MAY 10	42.8 ON SEP 09	5 400 000	1953
1954	---	1 000 ON MAY 03	49.3 ON SEP 17	5 640 000	1954
1955	---	674 ON APR 23	17.2 ON SEP 13	3 240 000	1955
1956	---	977 ON MAY 16	34.0 ON OCT 25	4 220 000	1956
1957	---	1 230 ON APR 28	33.7 B ON JAN 02	4 560 000	1957
1958	---	422 ON APR 20	31.1 ON AUG 03	3 680 000	1958
1959	---	1 010 ON MAY 07	21.2 ON AUG 15	3 590 000	1959
1960	---	1 810 ON MAY 18 *	36.2 ON AUG 28	5 930 000	1960
1961	784 AT 10:15 EST ON SEP 02	750 ON JUN 26	34.0 RB ON FEB 18	5 550 000	1961
1962	---	1 070 ON MAY 06	38.5 ON JUL 04	4 700 000	1962
1963	---	702 ON JUN 22	47.0 RB ON JAN 02	3 970 000	1963
1964	---	1 140 ON MAY 01	33.1 RB ON APR 03	5 910 000	1964
1965	---	1 040 ON MAY 17	34.3 B ON APR 04	4 980 000	1965
1966	---	711 ON MAY 21	32.8 ON SEP 28	5 160 000	1966
1967	1 270 AT 11:30 EST ON MAY 03 *	1 240 ON MAY 04	36.8 ON SEP 13	5 420 000	1967
1968	---	903 ON APR 25	---	---	1968
1969	895 AT 14:00 EST ON MAY 08	886 ON MAY 08	---	---	1969
1970	---	---	---	---	1970
1971	824 AT 04:00 EST ON MAY 14	818 ON MAY 14	33.1 ON SEP 03	4 380 000	1971
1972	773 AT 15:30 EST ON MAY 06	765 ON MAY 06	39.1 B ON FEB 16	4 690 000	1972
1973	833 AT 17:09 EST ON APR 23	824 ON APR 23	45.6 B ON JAN 01	5 140 000	1973
1974	776 AT 23:00 EST ON MAY 13	765 ON MAY 14	38.5 ON SEP 11	4 690 000	1974
1975	---	680E ON MAY 07	13.4 ON SEP 03	3 470 000	1975
1976	---	1 380 ON APR 21	17.1 ON SEP 03	4 000 000	1976
1977	---	1 190E ON APR 23	13.1 ON AUG 16	3 800 000	1977
1978	1 170 AT 06:12 EST ON MAY 15	1 160 ON MAY 15	23.2 B ON APR 19	4 910 000	1978
1979	---	1 420E ON MAY 12	29.2 B ON MAR 15	5 600 000	1979
1980	---	925E ON APR 30	30.2 ON SEP 18	3 650 000	1980
1981	877 AT 15:40 EST ON MAY 06	866 ON MAY 06	18.1 ON OCT 04	4 010 000	1981
1982	849 AT 17:40 EST ON MAY 04	845 ON MAY 04	24.5 ON SEP 02	4 390 000	1982
1983	1 010 AT 14:30 EST ON JUN 01	1 000 ON JUN 01	34.5 ON SEP 05	5 560 000	1983
1984	---	571 ON JUN 29	31.8 E ON SEP 20	4 370 000	1984
1985	1 230 AT 19:51 EST ON APR 26	1 170 ON APR 26	29.6 ON SEP 26	4 350 000	1985
1986	719 AT 02:10 EST ON APR 30	709 ON APR 30	35.6 ON JUL 19	4 520 000	1986
1987	429 AT 16:57 EST ON APR 19	426 ON APR 19	25.5 ON OCT 01	2 770 000	1987
1988	725 AT 13:57 EST ON MAY 03	723 ON MAY 03	24.4 B ON MAR 25	4 710 000	1988
1989	888 AT 00:53 EST ON MAY 23	867 ON MAY 23	33.8 ON SEP 21	4 530 000	1989
1990	1 130 AT 03:07 EST ON APR 28	1 110 ON APR 28	32.7 ON SEP 11	6 140 000	1990
				4 580 000	MEAN

B - ICE CONDITIONS
E - ESTIMATED

* - EXTREME RECORDED FOR THE PERIOD OF RECORD
R - REVISED SINCE JAN 01 1989

GROUNDHOG RIVER AT HORWOOD LAKE - STATION NO. 04LC001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1933	36.1	53.9	37.2	---	---	---	---	---	---	---	---	---	---	1933
1934	10.7	42.3	29.8	18.7	133	11.9	12.6	18.8	9.99	2.06	31.5	38.2	30.0	1934
1935	16.4	29.0	42.1	46.4	83.7	25.0	49.2	19.2	7.44	21.2	15.8	13.0	30.8	1935
1936	25.1	31.3	32.6	30.2	143	33.1	18.1	24.3	14.2	8.18	3.02	6.19	30.9	1936
1937	20.0	30.0	31.4	34.8	72.7	1.63	21.0	34.2	16.6	27.2	31.9	32.7	29.9	1937
1938	29.7	31.1	42.1	118	131	85.3	16.6	22.0	26.8	30.2	14.7	9.51	47.5	1938
1939	22.3	34.3	36.8	34.2	108	90.7	31.2	14.3	19.2	18.4	20.5	7.08	36.4	1939
1940	27.2	30.6	35.2	20.1	20.4	94.5	53.2	9.88	34.5	8.33	32.4	25.8	32.5	1940
1941	8.27	38.5	42.8	78.4	70.1	49.2	47.9	32.2	58.6	101	86.8	68.8	56.9	1941
1942	37.1	51.3	50.8	66.3	71.7	26.6	10.5	14.6	23.5	25.7	23.3	14.2	34.9	1942
1943	26.8	29.6	37.0	30.2	31.8	78.6	26.4	14.6	19.7	16.2	0	4.20	26.2	1943
1944	11.1	35.7	35.3	31.7	40.1	44.2	15.1	13.8	22.1	20.7	22.6	7.84	24.9	1944
1945	26.5	31.8	37.5	36.5	64.9	61.6	28.2	3.94	7.18	11.6	24.4	19.4	29.4	1945
1946	18.9	32.4	37.0	68.0	28.7	54.8	32.2	35.3	1.12	8.10	28.2	32.2	31.3	1946
1947	16.5	35.6	43.6	36.1	154	156	44.0	18.3	36.1	14.5	17.9	14.7	48.9	1947
1948	15.4	15.4	23.7	30.4	19.4	24.5	29.5	10.2	9.44	12.8	19.5	21.1	19.3	1948
1949	29.1	43.1	43.1	17.6	113	62.9	23.5	8.01	2.32	4.66	12.3	14.4	31.1	1949
1950	26.0	34.5	43.6	17.9	95.0	109	44.7	15.0	18.3	1.96	24.5	25.6	38.0	1950
1951	31.0	47.5	53.4	80.1	111	42.0	35.0	35.4	38.1	70.0	81.3	48.2	56.1	1951
1952	38.1	50.2	53.6	35.4	86.8	64.1	58.6	49.3	32.2	16.4	33.5	42.6	46.8	1952
1953	33.1	50.1	62.4	54.4	129	116	57.0	42.2	14.7	---	---	---	---	1953
1954	---	---	---	---	---	---	---	---	---	59.4	51.6	25.7	---	1954
1955	29.2	37.3	44.0	50.0	72.4	42.9	8.41	10.5	5.68	0	0	10.9	25.8	1955
1956	27.8	33.5	41.2	9.01	77.9	102	11.2	26.0	13.9	13.7	19.7	11.7	32.3	1956
1957	44.3	34.6	43.9	27.8	95.1	80.0	45.9	32.7	13.0	21.3	40.1	25.5	40.4	1957
1958	31.3	27.2	50.0	29.8	31.8	43.6	0.471	8.02	1.38	27.0	27.4	21.1	24.9	1958
1959	26.0	26.5	42.3	13.9	81.7	70.3	0	0	0	15.8	26.2	20.6	26.9	1959
1960	30.0	29.5	44.6	25.7	231	74.8	11.2	21.1	18.3	9.66	21.2	25.1	45.4	1960
1961	27.3	29.1	37.8	28.3	48.8	85.4	54.3	31.8	43.7	---	---	---	---	1961
MEAN	24.9	35.6	41.2	39.6	86.9	64.1	29.1	21.3	18.8	21.8	28.1	22.4	35.1	MEAN

LOCATION - LAT 48 07 00 N LONG 082 16 30 W DRAINAGE AREA, 3 370 km² REGULATED DATA CONTRIBUTED BY - SPRUCE FALLS POWER AND PAPER COMPANY

GROUNDHOG RIVER AT HORWOOD LAKE - STATION NO. 04LC001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1933	---	---	---	---	1933
1934	---	192 ON MAY 13	0.566 ON JAN 01	946 000	1934
1935	---	120 ON MAY 06	1.13 ON JUN 10	973 000	1935
1936	---	210 ON MAY 17	1.70 ON NOV 12	976 000	1936
1937	---	133 ON JUL 29	1.13 ON JUL 09	943 000	1937
1938	---	269 ON MAY 09	1.98 ON SEP 20	1 500 000	1938
1939	---	222 ON MAY 15	3.40 ON SEP 24	1 150 000	1939
1940	---	161 ON MAY 31	1.70 ON MAY 05	1 030 000	1940
1941	---	178 ON MAY 06	1.98 ON JAN 02	1 790 000	1941
1942	---	163 ON MAY 03	2.27 ON AUG 09	1 100 000	1942
1943	---	127 ON JUN 24	0 ON OCT 19 *	825 000	1943
1944	---	125 ON MAY 08	0 ON MAY 12	787 000	1944
1945	---	133 ON MAY 30	0 ON APR 09	927 000	1945
1946	---	110 ON MAY 28	0 ON MAY 07	988 000	1946
1947	---	222 ON MAY 21	0 ON AUG 13	1 540 000	1947
1948	---	79.3 ON MAY 01	0 ON APR 14	610 000	1948
1949	---	216 ON MAY 08	0 ON APR 06	981 000	1949
1950	---	205 ON MAY 31	0 ON APR 19	1 200 000	1950
1951	---	196 ON MAY 07	0 ON JUN 08	1 770 000	1951
1952	---	228 ON JUN 09	0 ON APR 12	1 480 000	1952
1953	---	188 ON MAY 16	0 ON JUN 17	---	1953
1954	---	---	0 ON OCT 01	---	1954
1955	---	142 ON MAY 09	0 ON MAY 29	813 000	1955
1956	---	176 ON MAY 24	0 ON APR 12	1 020 000	1956
1957	---	146 ON JUL 17	0 ON APR 20	1 270 000	1957
1958	---	109 ON MAY 30	0 ON APR 08	785 000	1958
1959	---	116 ON JUN 19	0 ON APR 17	850 000	1959
1960	---	422 ON MAY 09 *	0 ON APR 13	1 440 000	1960
1961	---	142 ON MAY 16	0 ON MAY 02	---	1961
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		1 110 000	MEAN

GULL RIVER AT NORLAND - STATION NO. 02HF002

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1962	---	---	---	15.2	7.90	11.3	15.7	17.4	16.5	12.2	14.0	11.7	---	1962
1963	10.4	7.62	7.69	12.2	12.9	14.2	22.1	22.1	20.0	10.2	8.68	7.95	13.1	1963
1964	9.89	10.5	8.76	10.9	20.1	20.2	20.0	19.1	17.1	10.0	6.14	4.29	13.1	1964
1965	6.38	10.1	9.79	25.8	30.3	18.6	18.9	18.4	17.9	26.5	29.9	37.3	20.9	1965
1966	29.9	17.2	16.4	17.7	16.3	21.4	24.3	23.1	25.5	9.89	11.4	40.2	19.9	1966
1967	31.4	20.7	14.8	22.6	16.9	29.3	31.4	23.1	22.5	27.5	52.3	40.2	28.2	1967
1968	31.9	28.6	18.6	18.3	7.61	8.47	21.7	18.4	18.8	14.7	7.33	8.36	15.9	1968
1969	8.85	12.7	10.8	21.8	41.1	26.4	23.4	19.8	22.4	18.7	10.4	14.8	19.3	1969
1970	11.4	9.26	8.98	19.0	15.9	18.8	21.0	19.7	19.9	18.9	21.3	19.5	17.0	1970
1971	18.1	14.3	11.3	29.7	26.3	17.4	18.7	19.1	17.4	15.8	9.45	12.5	17.7	1971
1972	14.1	14.1	10.7	23.2	35.2	20.3	16.7	22.3	17.7	21.2	33.9	31.1	21.7	1972
1973	29.5	29.4	33.2	31.2	33.2	21.5	19.8	19.0	17.8	20.7	11.8	16.9	23.6	1973
1974	20.6	20.4	19.1	31.6	57.8	22.0	14.2	17.3	14.8	30.5	35.4	34.3	26.5	1974
1975	20.6	17.0	20.5	23.9	20.5	14.0	16.8	17.6	13.3	13.5	11.0	13.7	16.9	1975
1976	17.6	16.9	34.3	44.5	20.4	14.9	18.6	20.9	16.3	14.8	14.2	12.4	20.5	1976
1977	22.3	20.9	17.5	15.2	9.45	18.6	12.5	12.6	12.0	11.9	21.7	29.9	15.3	1977
1978	22.0	14.2	9.60	18.6	21.5	11.7	20.2	15.3	18.8	17.1	17.6	20.0	17.4	1978
1979	19.8	18.2	26.1	28.1	36.7	17.8	18.7	18.5	19.5	19.8	27.2	37.8	24.1	1979
1980	27.0	10.1	11.1	46.0	15.4	19.9	28.4	33.4	28.5	23.3	31.3	26.0	25.0	1980
1981	17.0	21.1	17.0	37.6	26.2	17.1	16.4	15.8	20.9	26.0	19.4	15.0	20.2	1981
1982	14.8	13.8	13.0	40.1	17.6	23.9	21.9	18.1	18.3	15.6	32.5	33.4	23.7	1982
1983	37.3	18.7	10.7	16.6	55.6	26.2	21.4	15.4	14.8	11.8	11.2	18.1	21.5	1983
1984	16.3	18.6	30.3	26.0	13.2	18.9	18.7	19.3	25.3	16.0	16.4	22.8	20.1	1984
1985	35.2	21.5	32.0	43.8	33.2	16.8	15.3	16.5	21.6	20.4	28.7	27.1	26.0	1985
1986	18.7	13.3	17.4	20.1	15.3	22.9	22.3	21.5	21.1	38.2	19.4	16.1	20.8	1986
1987	12.9	10.7	11.8	19.6	13.3	15.0	13.0	13.9	12.5	9.72	6.90	12.0	12.3	1987
1988	15.6	14.9	13.0	33.1	24.2	17.4	18.7	13.9	13.4	9.36	14.4	15.0	16.9	1988
1989	12.3	6.80	9.57	26.9	36.7	16.7	21.1	16.3	13.0	11.3	16.6	20.0	17.4	1989
1990	15.7	16.9	18.4	21.6	29.9	12.8	12.7	15.2	12.5	12.7	17.3	38.2	18.7	1990
MEAN	19.2	15.7	16.6	25.0	24.5	18.5	19.5	18.7	18.0	17.5	19.2	22.6	19.8	MEAN

LOCATION - LAT 44 43 55 N DRAINAGE AREA, 1 280 km²
LONG 078 49 08 W REGULATED

GULL RIVER AT NORLAND - STATION NO. 02HF002

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1962	---	---	---	---	1962
1963	29.4 AT 04:00 EST ON APR 03	29.4 ON APR 03	4.50 ON APR 23	412 000	1963
1964	37.9 AT 11:00 EST ON MAY 28	37.4 ON MAY 28	1.37 ON DEC 22 *	414 000	1964
1965	49.8 AT 14:00 EST ON APR 16	46.2 ON OCT 26	5.35 ON JAN 08	658 000	1965
1966	54.4 AT 10:00 EST ON DEC 10	54.1 ON DEC 10	5.52 ON NOV 02	628 000	1966
1967	60.0 AT 09:00 EST ON NOV 06	59.7 ON NOV 06	11.8 ON MAR 27	891 000	1967
1968	43.0 AT 00:01 EST ON JAN 01	42.8 ON JAN 01	4.25 ON JUN 07	504 000	1968
1969	64.3 AT 06:15 EST ON MAY 24	64.0 ON MAY 24	6.82 ON MAR 18	609 000	1969
1970	36.0 AT 16:49 EST ON APR 25	34.0 ON APR 26	7.70 ON MAR 30	536 000	1970
1971	49.6 AT 12:52 EST ON APR 21	49.0 ON APR 21	7.22 ON NOV 24	559 000	1971
1972	57.5 AT 09:29 EST ON MAY 19	56.6 ON MAY 19	8.27 ON APR 03	687 000	1972
1973	52.7 AT 16:36 EST ON MAR 15	52.1 ON MAR 16	8.30 ON NOV 20	746 000	1973
1974	78.4 AT 11:29 EST ON MAY 17	77.9 ON MAY 17	11.1 ON APR 02	837 000	1974
1975	44.7 AT 11:12 EST ON APR 25	43.0 ON APR 25	9.71 ON NOV 30	532 000	1975
1976	80.7 AT 08:47 EST ON APR 02 *	80.4 ON APR 02 *	6.12 ON MAY 15	648 000	1976
1977	32.3 AT 01:44 EST ON DEC 22	32.0 ON DEC 20	2.42 ON MAY 10	481 000	1977
1978	37.7 AT 12:39 EST ON MAY 18	36.8 ON MAY 19	8.30 ON MAY 08	549 000	1978
1979	55.5 AT 09:21 EST ON MAY 14	54.2 ON MAY 14	12.6 ON JUN 04	759 000	1979
1980	59.5 AT 10:15 EST ON APR 19	58.0 ON APR 18	5.95 ON MAR 17	792 000	1980
1981	54.7 AT 13:41 EST ON FEB 25	54.0 ON FEB 25	10.7 ON MAR 22	639 000	1981
1982	61.4 AT 23:50 EST ON APR 20	61.2 ON APR 21	11.6 ON MAR 08	748 000	1982
1983	70.2 AT 08:51 EST ON MAY 16	69.8 ON MAY 16	7.27 ON APR 28	679 000	1983
1984	42.1 AT 21:43 EST ON DEC 31	41.7 ON APR 08	6.31 ON MAY 02	637 000	1984
1985	55.7 AT 12:42 EST ON APR 23	54.7 ON APR 23	12.0 ON JUN 15	820 000	1985
1986	51.8 AT 16:19 EST ON MAR 31	51.0 ON MAR 31	3.51 ON MAY 05	655 000	1986
1987	45.4 AT 10:36 EST ON APR 07	42.8 ON APR 08	5.98 ON NOV 23	387 000	1987
1988	48.1 AT 11:29 EST ON APR 06	46.7 ON APR 27	6.27 ON OCT 23	534 000	1988
1989	56.8 AT 12:30 EST ON MAY 15	56.4 ON MAY 16	6.00B ON FEB 18	548 000	1989
1990	50.4 AT 14:29 EST ON DEC 05	50.2 ON DEC 05	10.6 ON JUL 03	589 000	1990
	B - ICE CONDITIONS	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		624 000	MEAN

HALFWAY CREEK AT MOOSONEE - STATION NO. 04KA002

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1976	---	---	---	---	---	1.87	1.45	1.21	0.646	0.657	0.385	0.054	---	1976
1977	0.010	0.006	0.018	1.82	5.67	0.912	1.51	1.52	1.85	4.37	---	---	---	1977
1978	---	---	---	---	---	---	---	---	1.17	2.16	0.895	0.213	---	1978
1979	0.080	0.052	0.046	1.19	5.61	1.30	0.295	0.430	1.44	2.82	1.42	0.654	1.29	1979
1980	0.193	0.089	0.061	0.351	3.07	2.07	1.31	0.830	0.575	2.06	0.999	0.224	1.16	1980
1981	0.092	0.061	0.058	1.16	3.26	2.00	0.628	0.118	0.283	0.410	0.219	0.068	0.659	1981
1982	0.047	0.044	0.049	0.074	8.22	2.25	1.77	0.729	1.19	1.38	1.20	0.370	1.46	1982
1983	0.062	0.037	0.036	0.044	3.29	2.26	0.584	0.153	0.140	2.02	1.71	0.417	1.07	1983
1984	0.056	0.033	0.029	3.33	6.84	4.68	3.16	1.03	0.580	1.58	0.867	0.400	1.87	1984
1985	0.063	0.065	0.019	2.71	8.40	2.41	1.43	2.51	2.31	2.63	1.45	0.269	2.03	1985
1986	0.097	0.081	0.062	1.78	3.86	1.89	6.31	1.13	1.39	2.57	0.569	0.184	1.92	1986
1987	0.108	0.081	0.075	1.70	4.47	1.37	0.821	2.16	1.25	0.813	0.937	0.379	1.02	1987
1988	0.130	0.071	0.062	2.08	5.69	1.97	1.00	1.09	1.53	2.47	2.86	0.740	1.80	1988
1989	0.172	0.062	0.046	0.080	5.11	1.68	0.771	0.733	1.10	2.11	1.17	0.449	1.14	1989
1990	0.149	0.095	0.084	1.93	7.09	4.63	0.837	0.411	0.820	1.79	1.17	0.402	1.62	1990
MEAN	0.097	0.057	0.049	1.40	5.94	2.23	1.56	1.00	1.09	1.80	1.13	0.344	1.42	MEAN

LOCATION - LAT 51 15 16 N DRAINAGE AREA, 133 km²
LONG 080 39 14 W NATURAL FLOW

HALFWAY CREEK AT MOOSONEE - STATION NO. 04KA002

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1976	---	---	---	---	1976
1977	---	10.5 B ON APR 26	0.021B ON DEC 31	---	1977
1978	---	---	0.006B ON FEB 06 *	---	1978
1979	---	7.60E ON MAY 10	---	---	1979
1980	---	---	0.041B ON MAR 10	40 600	1980
1981	5.43 AT 15:16 EST ON MAY 06	10.0 ON MAY 02	0.055B ON MAR 29	36 700	1981
1982	24.3 AT 01:03 EST ON MAY 08 *	4.54 ON MAY 08	0.049B ON DEC 26	22 000	1982
1983	---	22.4 ON MAY 08 *	0.043B ON FEB 25	46 000	1983
1984	20.0 B AT 17:20 EST ON APR 26	11.0 B ON MAY 06	0.030B ON FEB 27	33 800	1984
		19.6 B ON APR 26	0.027B ON MAR 13	59 100	
1985	---	18.5 B ON APR 27	0.018B ON MAR 15	64 100	1985
1986	19.8 AT 19:12 EST ON JUL 08	19.2 ON JUL 08	0.050B ON FEB 24	60 600	1986
1987	5.04 AT 15:53 EST ON AUG 04	4.67 ON AUG 04	0.066B ON MAR 15	32 100	1987
1988	18.9 AT 00:24 EST ON MAY 04	16.6 ON MAY 04	0.060B ON MAR 18	56 900	1988
1989	---	7.90B ON MAY 07	0.017 ON MAR 19	35 800	1989
1990	---	19.4 B ON APR 30	0.074B ON MAR 07	51 200	1990
				44 900	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

HARMONY CREEK AT OSHAWA - STATION NO. 02HD013

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1980	---	---	---	---	---	---	0.346	0.104	0.138	0.330	0.312	0.372	---	1980
1981	0.082	1.69	0.266	0.230	0.148	0.079	0.145	0.127	0.492	0.353	0.280	0.095	0.322	1981
1982	0.207	0.070	1.87	0.879	0.224	0.758	0.211	0.144	0.194	0.193	0.576	0.571	0.494	1982
1983	0.413	0.686	0.780	0.872	0.694	0.130	0.060	0.099	0.071	0.237	0.426	0.580	0.419	1983
1984	0.095	1.30	0.868	0.993	0.372	0.108	0.062	0.106	0.167	0.095	0.313	0.277	0.391	1984
1985	0.075	1.02	1.34	0.806	0.294	0.107	---	---	---	---	---	---	---	1985
1986	---	---	---	---	0.179	0.216	0.192	0.896	1.28	1.14	0.348	0.876	---	1986
1987	0.239	0.129	1.20	0.684	0.108	0.135	0.116	0.110	0.234	0.180	0.524	0.781	0.371	1987
1988	0.264	0.581	0.877	0.615	0.195	0.190	0.151	0.085	0.146	0.199	0.414	0.333	0.337	1988
1989	0.454	0.104	0.302	0.434	0.493	0.257	0.044	0.058	0.193	0.185	0.815	0.078	0.285	1989
1990	0.230	0.790	0.977	0.706	0.341	0.171	0.196	0.130	0.132	0.303	0.211	1.06	0.436	1990
MEAN	0.229	0.709	0.942	0.691	0.305	0.215	0.152	0.186	0.305	0.322	0.422	0.502	0.382	MEAN

LOCATION - LAT 43 53 15 N DRAINAGE AREA, 41.6 km²
LONG 078 49 30 W NATURAL FLOW

REMARKS - STATION TEMPORARILY DISCONTINUED JUL 02 1985 TO APR 14 1986

HARMONY CREEK AT OSHAWA - STATION NO. 02HD013

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1980	---	---	---	---	1980
1981	---	10.0 B ON FEB 20	0.027 ON JUL 13	10 100	1981
1982	29.0 AT 20:07 EST ON JUN 10	8.52 ON MAR 11	0.035B ON FEB 11	15 600	1982
1983	16.8 AT 10:46 EST ON MAR 19	8.05 ON MAR 19	0.019 ON JUL 26	13 200	1983
1984	35.6 AT 06:00 EST ON FEB 14	19.5 ON FEB 14 *	0.020B ON JAN 12	12 400	1984
1985	13.5 AT 05:22 EST ON MAR 12	10.5 B ON FEB 24	---	---	1985
1986	41.6 AT 02:12 EST ON AUG 27 *	---	---	---	1986
1987	---	8.00B ON MAR 01	0.019 ON JUL 27	11 700	1987
1988	21.8 AT 20:10 EST ON JUN 22	4.12 ON MAR 25	0.013 ON AUG 21 *	10 700	1988
1989	25.6 AT 22:05 EST ON SEP 22	3.80 ON NOV 20	0.017B ON DEC 26	8 980	1989
1990	23.0 AT 02:02 EST ON MAR 12	10.6 ON MAR 12	0.025 ON SEP 03	13 700	1990
				12 000	MEAN

B - ICE CONDITIONS
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

HARRIS CREEK NEAR NAISCOOT - STATION NO. 02EA009

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1945	---	---	---	---	---	---	---	---	---	1.06	4.94	1.19	---	1945
1946	3.95	1.56	13.3	12.0	3.26	1.27	0	0	0	---	---	---	---	1946
1947	---	---	---	---	18.5	6.77	0.819	0.488	0.975	0.568	1.09	1.98	---	1947
1948	0.793	0.566	7.48	24.1	4.87	1.17	0.188	0.120	0	---	---	---	---	1948
MEAN	2.37	1.06	10.4	18.0	8.88	2.87	0.336	0.203	0.325	0.814	3.02	1.59	---	MEAN

LOCATION - LAT 45 40 54 N DRAINAGE AREA, 46.6 km²
LONG 080 28 08 W REGULATED

HARRIS CREEK NEAR NAISCOOT - STATION NO. 02EA009

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1945	---	---	---	---	1945
1946	---	27.0 ON MAR 25	---	---	1946
1947	---	---	---	---	1947
1948	---	34.0 ON APR 02 *	---	---	1948
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		---	MEAN

HARRIS RIVER AT HIGHWAY NO. 69 - STATION NO. 02EA013

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1976	1.54	1.61	9.28	25.8	5.79	0.838	0.014	0	0	---	---	1.28	---	1976
1977	2.14	1.61	10.0	18.3	3.02	0.028	0.001	0	1.35	8.78	11.8	10.4	5.79	1977
1978	1.96	0.976	1.12	11.0	11.9	0.935	0.071	0.007	0.279	4.01	2.56	1.48	3.19	1978
1979	2.15	1.26	9.59	22.5	8.98	1.43	0.203	0.373	0.133	1.31	6.98	8.15	5.26	1979
1980	4.15	1.08	2.77	23.5	3.96	2.32	1.96	0.773	0.729	3.81	6.60	1.69	4.59	1980
1981	1.24	4.90	11.1	18.0	5.45	2.22	0.915	0.105	5.76	5.93	2.40	2.52	5.02	1981
1982	0.947	0.191	1.72	20.8	6.64	0.082	0.002	0.001	0.225	1.47	7.20	12.5	4.49	1982
1983	9.86	2.53	7.01	10.1	15.4	5.77	0.090	0.028	0.138	1.34	2.61	6.43	5.14	1983
1984	1.60	6.91	6.79	17.4	6.32	7.17	2.32	0.811	0.170	0.447	9.11	5.40	5.35	1984
1985	5.66	2.91	6.89	26.4	13.1	1.41	0.837	0.308	0.866	0.795	1.85	1.93	5.58	1985
1986	0.845	0.471	4.11	22.5	4.43	3.23	0.398	0.045	0.089	2.19	1.85	2.61	3.78	1986
1987	1.18	0.800	2.98	16.8	1.05	---	---	---	---	---	---	---	---	1987
MEAN	2.76	2.09	6.12	19.7	7.15	2.31	0.619	0.223	0.885	3.21	5.72	5.67	4.82	MEAN

LOCATION - LAT 45 41 15 N DRAINAGE AREA, 35.5 km²
LONG 080 26 22 W NATURAL FLOW

REMARKS - FLOWS INCLUDE SPILL FROM THE MAGNETAWAN RIVER BASIN DURING HIGH WATER CONDITIONS. STATION DISCONTINUED JUN 17 1987

HARRIS RIVER AT HIGHWAY NO. 69 - STATION NO. 02EA013

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1976	---	49.0E ON APR 03 *	0 ON JUN 22 *	---	1976
1977	---	28.6E ON APR 05	0 ON JUL 22	183 000	1977
1978	22.4 AT 14:40 EST ON APR 29	22.3 ON APR 29	0 ON JUL 06	101 000	1978
1979	30.0 AT 01:09 EST ON APR 06	29.8 ON APR 04	0 ON JUL 15	166 000	1979
1980	38.3 AT 15:42 EST ON APR 16	38.0 ON APR 16	0.096 ON AUG 28	1[illegible]5 000	1980
1981	29.9 AT 10:40 EST ON APR 11	29.7 ON APR 11	0.020 ON AUG 23	[illegible]6 000	1981
1982	37.4 AT 20:22 EST ON APR 22	37.2 ON APR 22	0 E ON JUL 11	142 000	1982
1983	26.4 AT 13:10 EST ON MAY 09	26.2 ON MAY 09	0.002E ON AUG 17	161 000	1983
1984	---	22.0E ON APR 18	0.020E ON SEP 09	169 000	1984
1985	49.4 AT 11:00 EST ON APR 25 *	48.7 ON APR 25	0.106 ON AUG 24	176 000	1985
1986	42.9 AT 01:51 EST ON APR 07	42.7 ON APR 07	0.029 ON AUG 20	119 000	1986
1987	27.5 AT 14:58 EST ON APR 04	27.4 ON APR 04	---	---	1987
	E - ESTIMATED	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		152 000	MEAN

HAWKROCK RIVER AT GRAVENHURST - STATION NO. 02EB104

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1969	---	---	---	---	1.31	1.49	0.260	0.028	0.048	0.709	1.88	0.608	---	1969
1970	---	---	---	3.02	0.713	0.213	0.789	0.083	0.125	0.859	1.10	0.789	---	1970
1971	---	---	---	---	0.696	0.202	0.243	0.124	0.103	0.144	0.564	---	---	1971
1972	---	---	---	---	0.879	0.194	0.043	0.136	0.138	0.898	1.00	---	---	1972
1973	---	---	---	1.56	0.805	0.710	0.095	---	0.024	0.585	---	---	---	1973
1974	---	---	---	---	1.15	---	---	0.057	---	1.22	---	---	---	1974
1975	---	---	---	---	---	---	---	0.027	0.442	0.492	1.69	---	---	1975
1976	---	---	---	---	0.358	0.284	---	---	---	---	---	---	---	1976
MEAN	---	---	---	2.29	0.844	0.516	0.286	0.076	0.147	0.701	1.25	0.699	---	MEAN

LOCATION - LAT 44 55 56 N DRAINAGE AREA, 40.7 km²
LONG 079 21 23 W NATURAL FLOW

DATA CONTRIBUTED BY - ONTARIO MINISTRY OF THE ENVIRONMENT

HAMMOCK RIVER AT GRAVENHURST - STATION NO. 02EB104

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1969	---	---	---	---	1969
1970	---	---	---	---	1970
1971	---	---	---	---	1971
1972	---	---	---	---	1972
1973	---	---	---	---	1973
1974	---	5.24 ON APR 03 *	0.014 ON JUL 22	---	1974
1975	---	---	---	---	1975
1976	---	---	0.003E ON AUG 01 *	---	1976
	E - ESTIMATED	* - EXTREME RECORDED FOR THE PERIOD OF RECORD	---	---	MEAN

HEMLOCK CREEK NEAR PORT BURWELL - STATION NO. 02GC025

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1970	0.078	0.108	0.203	0.174	0.103	0.065	0.050	0.028	0.044	0.049	0.124	0.138	0.097	1970
1971	0.084	0.152	0.235	0.157	0.089	0.058	0.022	0.027	0.030	0.033	0.037	0.064	0.082	1971
1972	0.071	0.029	0.481	0.214	0.129	0.084	0.109	0.074	0.066	0.084	0.152	0.231	0.144	1972
1973	0.130	0.099	0.378	0.188	0.135	0.132	0.039	0.041	0.033	0.046	0.090	0.132	0.120	1973
1974	0.190	0.156	0.305	0.241	0.274	0.130	0.075	0.039	0.041	0.045	0.070	0.105	0.139	1974
1975	0.128	0.176	0.250	0.183	0.101	0.126	0.069	0.099	0.172	0.107	0.153	0.214	0.148	1975
1976	0.146	0.367	0.543	0.206	0.175	---	---	---	---	---	---	---	---	1976
MEAN	0.118	0.158	0.342	0.195	0.144	0.099	0.061	0.051	0.064	0.061	0.104	0.147	0.122	MEAN

LOCATION - LAT 42 39 07 N DRAINAGE AREA, 10.1 km^2
LONG 080 46 14 W REGULATED

HEMLOCK CREEK NEAR PORT BURWELL - STATION NO. 02GC025

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1970	0.651 AT 20:30 EST ON APR 02	0.453B ON MAR 05	0.019 ON AUG 13	1 050	1970
1971	1.04 AT 00:45 EST ON FEB 28	0.694 ON FEB 27	0.009 ON AUG 07	2 580	1971
1972	2.15 AT 10:00 EST ON MAR 14 *	1.96 ON MAR 14 *	0.025B ON FEB 05	4 570	1972
1973	1.28 AT 23:27 EST ON MAR 14	1.00 ON MAR 15	0.005 ON JUL 21 *	3 800	1973
1974	1.13 AT 12:09 EST ON MAR 05	0.994 ON MAR 05	0.017 ON JUL 22	4 400	1974
1975	0.923 AT 21:28 EST ON AUG 24	0.648 ON FEB 24	0.018 ON AUG 02	4 660	1975
1976	---	---	---	---	1976
	B - ICE CONDITIONS	* - EXTREME RECORDED FOR THE PERIOD OF RECORD	---	3 840	MEAN

HIGHLAND CREEK NEAR WEST HILL - STATION NO. 02HC013

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1956	---	---	---	---	---	---	---	---	---	0.523	0.521	---	---	1956
1957	---	1.68	0.908	---	0.667	0.934	---	---	---	0.223	0.510	1.42	---	1957
1958	0.297	0.622	1.44	0.570	0.314	0.230	0.194	0.283	0.474	0.439	0.294	0.528	0.272	0.456	1958
1959	0.390	0.279	3.57	1.48	0.731	0.227	0.100	0.189	0.307	0.362	0.387	0.554	0.720	1959
1960	0.462	1.22	1.58	3.06	2.41	0.536	0.302	0.249	0.227	0.515	0.239	0.226	0.917	1960
1961	0.131	0.682	0.953	0.928	0.605	0.384	0.432	0.330	0.425	0.260	0.389	0.403	0.502	1961
1962	0.298	0.526	2.14	0.600	0.294	0.304	0.354	0.220	0.387	0.678	0.992	0.672	0.603	1962
1963	0.291	0.538	1.80	0.720	0.732	0.264	0.367	0.575	0.324	0.257	0.514	0.249	0.529	1963
1964	0.649	0.224	1.34	0.739	0.404	0.306	1.30	0.748	0.257	0.373	0.355	0.487	0.607	1964
1965	0.374	1.38	1.58	1.61	0.437	0.585	0.457	0.441	0.395	0.822	1.03	0.676	0.808	1965
1966	0.587	0.792	2.06	0.720	0.531	0.392	0.305	0.473	0.364	0.272	0.776	1.05	0.693	1966
1967	0.927	0.638	1.56	2.18	0.762	0.754	0.499	0.434	0.466	0.618	0.768	0.931	0.880	1967
1968	1.01	1.39	2.18	0.691	0.701	0.565	0.349	0.400	0.514	0.380	0.752	0.671	0.800	1968
1969	0.761	0.849	1.21	1.28	0.950	0.588	0.527	0.602	0.441	0.536	0.631	0.563	0.728	1969
1970	0.225	0.156	0.729	1.28	0.836	0.446	0.527	0.360	0.434	0.560	0.641	0.693	0.576	1970
1971	0.617	1.04	1.67	1.39	0.632	0.692	0.540	0.476	0.320	0.558	0.523	1.01	0.788	1971
1972	1.11	0.484	2.26	3.76	0.696	0.846	0.614	0.643	0.835	0.985	1.28	1.76	1.27	1972
1973	1.25	1.36	3.36	1.81	1.33	0.849	0.611	0.943	0.740	1.04	1.16	0.926	1.28	1973
1975	---	---	---	---	---	---	---	---	---	---	0.727	1.19	---	1975
1976	0.644	1.81	2.51	1.39	1.70	1.15	1.68	2.73	1.35	1.21	0.616	0.516	1.45	1976
1977	0.365	0.497	3.51	1.61	0.767	2.47	2.32	2.09	2.68	0.723	2.92	3.92	2.20	1977
1978	1.22	0.394	2.83	2.46	0.711	0.580	0.548	0.903	1.43	0.572	0.684	0.774	1.09	1978
1979	0.682	0.482	1.84	1.28	0.653	0.517	0.418	0.496	0.774	1.25	1.00	1.77	0.934	1979
1980	0.705	0.418	3.69	2.09	0.980	1.22	1.03	0.672	0.765	1.20	0.857	0.988	1.22	1980
1981	0.474	3.02	0.580	0.722	1.18	0.907	0.999	1.25	1.34	1.72	1.23	0.652	1.16	1981
1982	1.13	0.697	3.94	1.69	1.01	1.65	0.625	1.26	1.37	0.696	1.82	1.68	1.47	1982
1983	1.01	1.34	1.66	2.01	1.89	0.788	0.617	1.35	0.908	1.37	2.00	1.71	1.39	1983
1984	0.453	3.23	2.08	2.01	1.65	1.23	1.08	1.13	1.62	0.669	1.29	1.03	1.44	1984
1985	0.533	3.25	2.50	1.42	1.25	0.745	0.738	1.69	0.975	1.00	3.48	0.924	1.53	1985
1986	0.819	0.722	2.27	1.09	1.24	1.09	1.05	3.49	3.45	1.48	0.930	2.02	1.65	1986
1987	0.858	0.631	1.55	1.54	1.03	0.874	1.10	0.671	1.37	0.718	1.51	1.43	1.11	1987
1988	---	---	1.24	1.42	1.07	0.683	1.15	0.690	1.22	1.56	1.43	0.953	---	1988
1989	0.689	0.503	1.04	0.922	1.26	1.31	0.558	1.27	1.27	1.53	1.90	0.535	1.07	1989
1990	1.42	1.84	1.71	1.21	1.58	1.35	1.19	1.42	0.779	1.68	0.864	2.53	1.47	1990
MEAN	0.679	1.07	1.98	1.47	0.969	0.796	0.728	0.919	0.896	0.853	1.04	1.07	1.04	MEAN

LOCATION - LAT 43 46 42 N DRAINAGE AREA, 86.2 km²
LONG 079 11 28 W NATURAL FLOW

HIGHLAND CREEK NEAR WEST HILL - STATION NO. 02HC013

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1956	---	---	---	---	1956
1957	---	---	---	---	1957
1958	---	---	---	---	1958
1959	---	4.39B ON FEB 27	0.085B ON JAN 20	14 400	1959
		21.0 ON MAR 20	0.028 ON JUL 12 *	22 700	
1960	---	---	---	---	1960
1961	11.4 AT 10:30 EST ON SEP 03	20.2 ON MAR 31	0.085 ON NOV 13	29 000	1961
1962	25.4 AT 09:00 EST ON NOV 10	8.16 ON FEB 23	0.085B ON JAN 21	15 800	1962
1963	18.9 AT 22:20 EST ON AUG 03	11.8 ON NOV 10	0.096 ON AUG 02	19 000	1963
1964	31.1 AT 10:30 EST ON JUL 13	8.50 ON MAR 17	0.170B ON FEB 23	16 700	1964
		14.5 ON JUL 13	0.164 ON JUN 11	19 200	
1965	36.0 AT 10:00 EST ON FEB 10	17.8 ON FEB 10	0.170 ON JUN 05	25 500	1965
1966	---	12.9 B ON MAR 01	0.190 ON SEP 19	21 900	1966
1967	---	26.8 E ON APR 03	0.198B ON JAN 11	27 700	1967
1968	27.9 AT 05:40 EST ON SEP 06	13.4 ON FEB 02	0.212E ON AUG 15	25 300	1968
1969	12.9 AT 14:07 EST ON APR 18	6.60 ON APR 18	0.280 ON JUL 20	23 000	1969
1970	21.2 AT 07:57 EST ON APR 20	4.70 ON APR 20	0.142B ON FEB 04	18 200	1970
1971	31.4 AT 17:50 EST ON JUN 12	7.62 ON APR 02	0.159 ON AUG 20	24 800	1971
1972	32.3 AT 09:20 EST ON APR 13	14.6 ON APR 13	0.266 ON AUG 20	40 300	1972
1973	63.1 AT 15:25 EST ON MAR 11	20.1 ON FEB 02	0.227B ON DEC 18	40 400	1973
1975	---	---	---	---	1975
1976	---	---	---	---	1976
1977	---	21.8 E ON AUG 29	0.241B ON DEC 03	45 700	1977
1978	---	29.4 E ON MAR 13	0.178 ON MAY 30	69 400	1978
1979	46.7 AT 17:18 EST ON DEC 25	13.3 ON APR 07	0.113E ON MAY 04	34 400	1979
		19.5 ON DEC 25	0.222E ON AUG 22	29 400	
1980	---	---	---	---	1980
1981	45.5 AT 08:32 EST ON SEP 04	62.4 A ON MAR 21 *	0.278B ON FEB 03	38 700	1981
1982	67.0 AT 07:39 EST ON AUG 25	19.0 E ON FEB 11	0.300B ON JAN 05	36 600	1982
1983	53.5 AT 15:55 EST ON AUG 27	25.6 ON MAR 13	0.280B ON JAN 25	46 300	1983
1984	92.6 AT 07:19 EST ON FEB 14	16.7 ON MAR 19	0.400B ON DEC 31	41 800	1984
		37.9 ON FEB 14	0.322B ON JAN 23	45 700	
1985	77.4 AT 17:26 EST ON NOV 04	27.9 ON FEB 24	0.360 ON JUL 13	48 200	1985
1986	161 AT 02:54 EST ON AUG 27 *	32.2 ON AUG 27	0.318B ON JAN 14	51 900	1986
1987	89.9 AT 17:20 EST ON MAY 27	11.7 ON MAY 27	0.311E ON AUG 26	35 000	1987
1988	91.7 AT 16:58 EST ON OCT 04	---	---	---	1988
1989	128 AT 21:59 EST ON SEP 22	15.6 ON AUG 04	0.288 ON FEB 08	33 700	1989
1990	70.9 AT 08:55 EST ON JUN 29	17.8 ON FEB 22	0.194 ON JAN 13	46 200	1990
				33 000	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX) B - ICE CONDITIONS E - ESTIMATED * - EXTREME RECORDED FOR THE PERIOD OF RECORD

HOG CREEK NEAR VICTORIA HARBOUR - STATION NO. 02ED017

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1988	---	---	---	---	---	---	0.087	0.086	0.173	0.356	0.452	0.356	---	1988
1989	0.528	0.322	1.64	0.603	0.514	0.250	0.074	0.100	0.097	0.220	0.606	0.336	0.449	1989
1990	0.772	0.685	1.66	0.710	0.349	0.186	0.171	0.125	0.124	0.329	0.766	0.936	0.568	1990
MEAN	0.650	0.504	1.65	0.697	0.432	0.218	0.111	0.104	0.131	0.302	0.608	0.543	0.509	MEAN

LOCATION - LAT 44 43 33 N LONG 079 46 45 W DRAINAGE AREA, 65.2 km² NATURAL FLOW

REMARKS - STATION ACTIVATED JUNE, 1988

HOG CREEK NEAR VICTORIA HARBOUR - STATION NO. 02ED017

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1988	---	---	---	---	1988
1989	18.1 AT 01:21 EST ON MAR 29 *	11.5B ON MAR 29 *	0.040 ON AUG 01	14 200	1989
1990	14.8 AT 22:10 EST ON MAR 14	10.0 ON MAR 14	0.039 ON SEP 03 *	17 900	1990
	B - ICE CONDITIONS	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		16 100	MEAN

HOLLAND RIVER AT HOLLAND LANDING - STATION NO. 02EC009

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1965	---	---	---	---	---	---	---	---	---	0.705	1.05	1.32	---	1965
1966	0.694	1.15	2.88	1.18	0.868	0.493	0.177	0.278	0.333	0.378	0.863	1.20	0.874	1966
1967	0.807	0.558	2.10	2.69	0.965	2.38	2.15	0.880	0.648	1.39	2.01	1.82	1.54	1967
1968	0.812	1.96	5.00	1.67	1.41	0.712	0.403	0.430	0.399	0.449	0.860	0.878	1.25	1968
1969	1.89	1.08	3.01	3.26	1.90	0.643	0.384	0.459	0.292	0.461	0.814	0.548	1.23	1969
1970	0.561	0.614	1.93	4.07	0.949	0.404	0.484	0.291	0.432	0.534	0.758	0.788	0.982	1970
1971	0.487	0.642	1.73	4.55	0.725	0.382	0.481	0.516	0.436	0.487	0.461	0.939	0.903	1971
1972	0.664	0.525	1.02	6.75	0.960	0.586	0.500	0.478	0.396	0.780	1.01	1.20	1.23	1972
1973	1.96	1.51	4.13	2.84	1.46	0.746	0.405	0.554	0.359	0.527	1.23	0.882	1.30	1973
1974	1.74	1.11	3.08	2.84	2.70	0.735	1.01	0.492	0.404	0.521	1.03	0.837	1.38	1974
1975	0.992	3.51	2.86	3.33	1.42	0.613	0.426	0.430	0.531	0.497	0.656	0.657	1.31	1975
1976	0.569	2.47	4.63	2.21	2.00	0.660	1.66	0.903	0.745	1.01	0.818	0.502	1.51	1976
1977	0.339	0.555	4.14	1.37	0.939	0.542	0.911	1.56	1.24	2.49	2.11	2.29	1.55	1977
1978	1.45	0.825	2.41	7.24	2.32	0.660	0.420	0.615	0.901	0.915	0.904	0.650	1.63	1978
1979	0.893	0.552	5.70	2.76	2.14	0.620	0.410	0.715	0.624	1.22	1.79	2.50	1.67	1979
1980	1.62	0.448	3.41	3.96	1.30	0.762	1.17	0.584	0.778	0.977	1.16	1.54	1.48	1980
1981	0.579	5.00	1.32	1.25	1.47	0.710	0.882	0.920	1.50	1.57	1.86	0.972	1.48	1981
1982	0.805	0.371	4.53	4.47	0.961	1.50	1.15	0.804	1.05	1.19	3.06	3.44	1.95	1982
1983	1.68	1.92	1.96	2.69	2.02	0.851	0.488	0.649	0.529	0.764	1.41	1.21	1.42	1983
1984	0.521	4.32	3.76	2.66	1.72	0.526	0.333	0.461	0.635	0.423	0.760	0.895	1.40	1984
1985	0.429	3.33	3.96	2.83	0.791	0.605	0.721	0.652	0.578	0.742	2.02	1.06	1.46	1985
1986	0.832	0.718	3.92	1.43	1.12	0.780	0.441	1.73	3.09	1.84	0.999	1.20	1.51	1986
1987	0.845	0.609	3.37	2.70	0.728	0.711	1.48	0.483	0.397	0.472	1.28	1.40 R	1.21 R	1987
1988	0.699	0.770	2.45	1.80	0.980	0.358	0.302	0.424	0.639	0.672	1.17	0.412	0.889	1988
1989	0.540	0.303	1.80	1.01	1.64	1.39	0.284	0.798	1.07	0.944	2.14	0.503	1.04	1989
1990	1.52	2.26	4.75	2.33	1.13	1.22	0.808	0.525	0.583	1.56	1.36	2.30	1.70	1990
MEAN	0.957	1.49	3.19	2.96	1.42	0.784	0.715	0.666	0.744	0.905	1.29	1.24 R	1.36 R	MEAN

LOCATION - LAT 44 05 41 N LONG 079 29 24 W DRAINAGE AREA, 181 km² NATURAL FLOW

R - REVISED SINCE JAN 01 1989

HOLLAND RIVER AT HOLLAND LANDING - STATION NO. 02EC009

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1965	---	---	---	---	1965
1966	22.2B AT 08:45 EST ON MAR 01	13.5B ON MAR 01	0.119 ON JUL 25	27 600	1966
1967	43.6 AT 19:15 EST ON JUN 12	13.3 ON JUN 13	0.314 ON JUN 05	48 500	1967
1968	24.4B AT 19:00 EST ON FEB 02	13.2B ON FEB 02	0.221 ON SEP 02	39 500	1968
1969	19.2 AT 02:58 EST ON MAR 21	15.0 ON MAR 21	0.085 ON JUL 19	38 800	1969
1970	14.4 AT 02:18 EST ON APR 09	12.0 ON APR 09	0.224 ON AUG 18	31 000	1970
1971	21.4 AT 19:01 EST ON APR 02	18.6 ON APR 02	0.201 ON AUG 08	31 000	1971
1972	37.7 AT 20:29 EST ON APR 13	30.0 ON APR 13	0.142 ON JUN 10	39 000	1972
1973	35.7 AT 16:22 EST ON FEB 02	15.9 ON FEB 02	0.079 ON SEP 29 *	43 600	1973
1974	44.2 AT 02:45 EST ON MAR 05	31.4 ON MAR 05	0.294 ON AUG 26	43 500	1974
1975	87.5 AT 21:32 EST ON FEB 24 *	38.5 ON FEB 24	0.241 ON AUG 21	41 300	1975
1976	34.8 AT 00:12 EST ON MAR 21	22.1 ON MAR 20	0.286 ON NOV 23	47 900	1976
1977	45.9 AT 21:34 EST ON AUG 16	16.9 ON MAR 13	0.280B ON FEB 21	40 900	1977
1978	36.5 AT 18:53 EST ON APR 01	24.7 ON APR 07	0.362 ON AUG 01	51 400	1978
1979	31.9 AT 22:00 EST ON MAR 04	23.5 ON MAR 05	0.214 ON JUN 23	52 700	1979
1980	29.6 AT 15:49 EST ON MAR 21	21.2 ON MAR 21	0.342 ON JUL 14	46 800	1980
1981	28.0 AT 19:18 EST ON FEB 18	20.3 ON FEB 19	0.330 ON JUL 16	46 600	1981
1982	45.8 AT 22:38 EST ON MAR 31	34.6 ON MAR 31	0.238 ON JUL 15	61 500	1982
1983	20.7 AT 10:25 EST ON FEB 03	14.7 ON FEB 03	0.265 ON OCT 02	44 600	1983
1984	57.1 AT 12:10 EST ON FEB 14	42.3 ON FEB 14	0.208 ON AUG 27	44 400	1984
1985	46.9 AT 20:00 EST ON FEB 24	34.0B ON FEB 24	0.201 ON AUG 07	46 100	1985
1986	27.3B AT 15:39 EST ON MAR 19	19.0B ON MAR 19	0.223 ON JUL 13	47 700	1986
1987	25.1 AT 21:34 EST ON MAR 07	18.5 ON APR 05	0.172 ON AUG 29	38 200	1987
1988	---	12.0B ON MAR 24	0.116 ON JUL 10	28 100	1988
1989	27.2B AT 23:02 EST ON MAR 25	11.5 ON NOV 16	0.141B ON MAR 13	32 700	1989
1990	69.6 AT 04:56 EST ON MAR 12	53.4 ON MAR 12 *	0.173 ON SEP 04	53 500	1990
	B - ICE CONDITIONS	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		43 000	MEAN

HOLTBY DRAIN AT CONCESSION #7 (KETTLE CONTROL) - STATION NO. 02GC032

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1988	---	---	---	---	---	---	---	0	0	0.012	0.067	0.020	---	1988
1989	0.023	0.006	0.064	0.037	0.004	0.005	0.003	0	0	0	0.008	0.002	0.013	1989
1990	0.087	0.137	0.084	0.037	0.043	0.007	0.020	0.046	0.031	0.084	0.075	0.143	0.066	1990
MEAN	0.055	0.072	0.074	0.037	0.024	0.006	0.012	0.015	0.010	0.032	0.050	0.055	0.040	MEAN

LOCATION - LAT 42 53 00 N DRAINAGE AREA, 3.17 km^2
LONG 081 07 53 W NATURAL FLOW

REMARKS - STATION ACTIVATED JULY, 1988

HOLTBY DRAIN AT CONCESSION #7 (KETTLE CONTROL) - STATION NO. 02GC032

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1988	---	---	---	---	1988
1989	1.27 AT 05:00 EST ON MAR 18	0.702 ON MAR 18	0 ON FEB 12 *	401	1989
1990	7.26 AT 16:42 EST ON AUG 28 *	1.42 ON FEB 22 *	0 ON JUN 16	2 080	1990
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		1 240	MEAN

HORNER CREEK NEAR PRINCETON - STATION NO. 02GB006

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1953	---	---	---	---	---	---	---	---	---	---	0.285	0.419	---	1953
1954	0.538	5.59	5.76	5.42	1.08	0.346	0.153	0.083	0.149	2.38	0.917	1.02	1.93	1954
1955	2.10	0.775	5.41	3.30	0.508	0.225	0.102	0.100	0.175	0.643	1.57	1.64	1.39	1955
1956	0.616	0.841	5.44	5.16	6.09	1.43	1.15	3.57	3.81	1.35	1.35	2.59	2.78	1956
1957	2.29	2.48	3.48	3.64	1.89	0.824	1.91	0.238	0.900	0.717	2.30	4.05	2.05	1957
1958	1.08	0.617	4.76	1.72	0.439	0.257	0.383	0.092	0.532	0.339	0.805	0.814	0.820	1958
1959	0.673	1.29	7.29	6.89	1.93	0.761	0.392	0.176	0.285	1.08	2.17	2.78	2.15	1959
1960	1.43	1.23	2.21	12.6	3.17	1.62	0.562	0.558	0.284	0.281	0.391	0.233	2.03	1960
1961	0.423	4.38	4.37	2.55	1.84	0.677	0.488	0.327	0.269	0.194	0.587	1.03	1.19	1961
1962	0.416	0.365	5.79	5.68	0.724	0.445	0.168	0.322	0.178	0.402	0.912	0.878	1.11	1962
1963	0.334	0.282	3.69	2.37	1.27	0.494	0.248	0.164	0.137	0.107	0.120	0.172	0.958	1963
1964	0.311	0.417	2.87	2.72	1.37	0.329	0.191	0.656	0.374	0.308	0.299	2.41	1.03	1964
1965	2.05	7.62	5.52	9.30	1.43	0.309	0.167	0.168	0.187	0.310	0.922	2.80	2.52	1965
1966	1.02	1.49	3.14	2.05	1.47	0.849	0.153	0.342	0.184	0.326	1.41	4.35	1.40	1966
1967	2.45	1.37	4.21	5.18	1.62	3.09	1.43	1.47	0.774	2.19	2.30	3.24	2.62	1967
1968	0.751	5.92	4.46	2.06	0.817	0.793	0.334	0.278	0.417	0.352	0.685	1.87	1.54	1968
1969	2.05	3.56	5.42	5.77	2.43	0.681	0.250	0.256	0.130	0.112	0.349	0.748	1.80	1969
1970	0.300	0.550	2.99	4.97	1.63	0.372	0.807	0.317	0.275	0.373	0.877	2.34	1.32	1970
1971	1.45	1.65	5.31	6.36	0.905	0.471	0.244	0.194	0.177	0.192	0.234	0.513	1.44	1971
1972	0.904	0.563	3.50	6.76	1.93	1.16	1.17	0.599	0.348	1.05	2.04	1.52	2.10	1972
1973	3.04	4.36	9.57	3.08	1.75	0.645	0.271	0.209	0.161	0.280	2.31	1.53	2.02	1973
1974	3.75	2.62	4.78	3.88	3.30	1.20	0.586	0.268	0.263	0.356	0.807	0.665	1.87	1974
1975	1.72	3.01	4.77	4.62	1.27	1.30	0.546	0.762	0.803	0.514	1.07	1.99	1.85	1975
1976	0.38	6.32	7.48	3.18	2.87	0.565	0.631	1.85	0.638	0.863	1.01	1.05	2.28	1976
1977	0.315	0.276	7.63	3.38	0.869	0.670	0.414	0.364	2.79	3.29	2.07	3.88	2.18	1977
1978	1.56	1.06	3.25	9.09	2.08	0.657	0.210	0.134	0.485	0.510	0.789	1.12	1.74	1978
1979	1.05	0.714	8.26	6.63	2.00	0.717	0.353	0.541	0.417	0.615	2.14	4.00	2.30	1979
1980	2.36	0.770	4.47	4.40	1.75	0.884	0.587	0.436	0.377	0.751	0.714	1.22	1.56	1980
1981	0.379	6.63	2.08	2.23	1.37	0.599	0.278	0.255	0.851	1.58	1.29	0.819	1.49	1981
1982	0.699	0.536	5.23	6.36	1.88	2.34	0.811	0.788	1.66	0.540	3.40	6.55	2.74	1982
1983	2.24	3.03	2.79	3.59	4.42	1.62	0.706	3.16	1.17	1.22	1.80	4.07	2.48	1983
1984	0.885	7.76	4.11	3.50	1.54	1.70	0.767	0.282	0.765	0.498	1.07	2.27	2.07	1984
1985	2.10	4.29	10.0	5.73	0.982	0.956	1.05	1.04	1.23	1.51	5.36	2.56	3.05	1985
1986	4.12	4.45	7.09	2.65	1.91	1.22	0.570	0.388	1.16	3.32	1.53	2.72	2.18	1986
1987	1.44	0.738	4.69	4.01	1.24	0.717	0.820	0.407	0.381	0.702	1.39	1.71	1.65	1987
1988	1.92	1.46	2.68	2.31	1.02	0.284	0.169	0.213	0.160	0.472	1.76	1.15	1.22	1988
1989	1.66	1.09	2.28	2.39	0.651	1.13	0.218	0.110	0.113	0.170	0.701	0.438	0.909	1989
1990	2.43	4.24	4.63	1.92	1.67	0.676	0.864	0.596	0.527	2.31	2.93	4.52	2.27	1990
MEAN	1.40	2.40	4.93	4.55	1.73	0.892	0.545	0.587	0.633	0.870	1.36	2.15	1.84	MEAN

LOCATION - LAT 43 10 30 N LONG 080 33 12 W DRAINAGE AREA, 150 km²
REGULATED

HORNER CREEK NEAR PRINCETON - STATION NO. 02GB006

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1953	---	---	---	---	1953
1954	---	50.4 E ON FEB 17	0.057 ON AUG 02	60 700	1954
1955	---	28.9 E ON MAR 12	0 ON JUL 29 *	43 700	1955
1956	---	38.5 E ON MAY 12	0.368B ON JAN 25	88 000	1956
1957	---	20.5 ON DEC 21	0.142 ON AUG 07	64 600	1957
1958	---	5.86 ON MAR 24	0.028 ON AUG 16	25 900	1958
1959	33.4 ON APR 02	30.6 E ON APR 03	0 ON AUG 05	67 700	1959
1960	58.3 ON MAR 31 *	47.5 ON APR 01	0.023 ON OCT 20	64 200	1960
1961	---	27.5 ON FEB 25	0.059 ON SEP 19	37 700	1961
1962	---	24.6 ON MAR 25	0.006 ON JUL 13	34 900	1962
1963	---	29.2 ON MAR 26	0.068 ON NOV 17	30 200	1963
1964	---	14.2 ON DEC 26	0 ON JUL 30	32 400	1964
1965	---	52.7 B ON FEB 11 *	0.102 ON AUG 27	79 500	1965
1966	---	22.9 ON DEC 08	0 ON JUL 18	44 200	1966
1967	---	28.6 ON DEC 23	0.130 ON JUN 07	82 500	1967
1968	---	39.4 B ON FEB 03	0.007 ON JUL 28	48 800	1968
1969	---	20.1 B ON FEB 01	0.057 ON OCT 14	56 800	1969
1970	---	13.6 ON APR 04	0.215 ON AUG 29	41 600	1970
1971	---	33.7 ON APR 03	0.153 ON SEP 20	45 400	1971
1972	---	24.1 A ON APR 14	0.227 ON SEP 07	66 500	1972
1973	30.9 AT 12:06 EST ON MAR 12	24.5 ON MAR 12	0.088 ON SEP 12	63 800	1973
1974	36.8 AT 19:41 EST ON MAR 05	30.6 ON JAN 28	0.190 ON AUG 20	59 000	1974
1975	34.3 AT 02:16 EST ON APR 20	29.7 ON FEB 25	0.212 ON JUL 11	58 500	1975
1976	31.4 AT 17:42 EST ON MAR 06	20.7 ON MAR 21	0.328 ON SEP 09	72 100	1976
1977	41.1 AT 21:27 EST ON MAR 13	30.9 ON MAR 14	0.150 ON JUL 30	68 700	1977
1978	30.6 AT 16:15 EST ON APR 02	23.1 ON APR 08	0.054 ON JUL 20	54 900	1978
1979	48.7 AT 21:54 EST ON APR 14	36.0 B ON MAR 05	0.104 ON JUL 24	72 400	1979
1980	35.6 AT 07:20 EST ON MAR 22	29.6 ON MAR 22	0.192 ON AUG 28	49 500	1980
1981	30.4 AT 12:00 EST ON FEB 24	30.0 B ON FEB 20	0.086 ON JUL 16	47 000	1981
1982	47.0 AT 06:09 EST ON APR 01	44.5 ON APR 01	0.258 ON JUL 27	86 300	1982
1983	24.3 AT 01:12 EST ON AUG 13	17.8 ON AUG 13	0.102 ON JUL 27	78 300	1983
1984	41.3 AT 17:51 EST ON FEB 15	30.5 ON FEB 16	0.194 ON AUG 27	65 400	1984
1985	---	27.6 B ON FEB 26	0.245 ON AUG 04	96 300	1985
1986	42.5B AT 14:45 EST ON MAR 20	36.5 B ON MAR 20	0.260 ON SEP 09	68 900	1986
1987	25.7 AT 15:10 EST ON APR 06	19.0 ON APR 06	0.246 ON SEP 10	52 100	1987
1988	14.7 AT 03:46 EST ON MAR 27	12.2 ON MAR 27	0.016 ON JUL 09	38 600	1988
1989	12.5 AT 08:40 EST ON MAR 30	10.6 ON MAR 30	0.040 ON AUG 12	28 700	1989
1990	34.8 AT 18:55 EST ON DEC 30	28.1 ON DEC 31	0.319 ON JUL 07	71 600	1990
				58 000	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX) B - ICE CONDITIONS E - ESTIMATED * - EXTREME RECORDED FOR THE PERIOD OF RECORD

HUMBER RIVER ABOVE EAST HUMBER RIVER - STATION NO. 02HC007

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1953	---	---	---	---	---	---	---	1.00	0.826	0.936	1.30	1.54	---	1953
1954	---	---	---	---	1.83	1.59	0.799	1.02	1.15	13.8	2.86	3.90	---	1954
1955	3.23	3.11	10.1	6.96	2.37	2.80	0.918	1.16	1.22	1.43	1.76	1.92	3.08	1955
1956	1.67	0.715	6.68	8.18	5.01	2.25	3.30	4.49	3.07	2.09	2.47	2.73	3.57	1956
1957	2.54	3.99	3.87	---	---	---	---	---	---	---	---	---	---	1957
MEAN	2.48	2.60	6.88	7.57	3.07	2.21	1.67	1.92	1.57	4.56	2.10	2.52	3.33	MEAN

LOCATION - LAT 43 47 30 N
LONG 079 35 42 W
DRAINAGE AREA, 300 km²
NATURAL FLOW

HUMBER RIVER ABOVE EAST HUMBER RIVER - STATION NO. 02HC007

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1953	---	---	---	---	1953
1954	---	207 E ON OCT 16 *	---	---	1954
1955	---	46.4E ON MAR 11	0.623 ON OCT 10	97 100	1955
1956	---	58.6E ON AUG 30	0.481B ON FEB 14 *	113 000	1956
1957	---	25.2B ON FEB 26	---	---	1957
				105 000	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

HUMBER RIVER AT ELDER MILLS - STATION NO. 02HC025

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1962	---	---	---	---	---	---	---	---	---	1.68	3.05	1.95	---	1962
1963	1.32	1.11	4.29	2.43	3.04	1.54	0.912	1.07	0.961	0.898	1.43	1.22	1.69	1963
1964	1.86	1.26	3.24	3.01	1.73	0.842	1.02	1.24	0.811	0.992	1.02	1.73	1.56	1964
1965	1.44	6.60	3.79	6.72	2.01	0.821	0.844	0.758	0.846	1.46	1.89	2.16	2.41	1965
1966	1.81	1.84	4.82	2.59	2.01	1.68	0.650	0.788	0.938	1.05	1.65	2.03	1.62	1966
1967	1.65	1.61	4.09	4.12	1.97	2.72	2.29	1.53	1.30	2.17	2.53	2.90	2.41	1967
1968	1.50	4.43	7.57	3.19	2.51	1.72	1.26	1.66	1.89	1.82	2.04	2.20	2.73	1968
1969	2.50	2.73	6.45	6.97	3.46	1.89	1.44	1.34	1.02	1.37	2.11	1.50	2.73	1969
1970	1.11	1.78	2.69	5.49	2.32	1.27	1.53	1.16	1.44	1.59	2.03	1.90	2.02	1970
1971	1.55	1.65	2.55	3.89	1.71	1.29	1.26	1.34	1.09	1.11	1.30	2.01	1.89	1971
1972	1.66	1.25	2.90	10.7	2.24	2.02	1.44	1.13	0.955	1.85	2.30	2.31	2.47	1972
1973	3.09	3.09	8.76	4.36	3.34	1.90	1.15	1.47	1.07	1.52	2.66	1.80	2.92	1973
1974	3.19	2.87	6.80	5.37	4.01	1.83	1.16	1.10	1.17	1.31	2.06	1.70	2.71	1974
1975	1.63	3.78	5.13	6.11	2.75	1.39	0.914	1.06	1.24	1.31	1.54	1.36	2.34	1975
1976	1.28	4.45	7.89	3.78	3.20	1.58	1.95	1.65	1.60	2.04	1.71	1.24	2.69	1976
1977	1.10	1.40	6.64	3.05	1.38	1.57	1.25	1.44	2.20	3.55	2.91	3.17	2.45	1977
1978	2.34	1.70	4.16	9.37	3.66	1.32	0.832	1.55	1.96	1.74	1.87	1.92	2.70	1978
1979	2.17	1.44	8.85	5.76	3.74	1.57	1.31	1.40	1.23	1.91	2.80	3.51	2.99	1979
1980	2.06	1.14	5.75	6.95	2.54	1.62	2.54	1.25	1.33	1.73	1.68	2.22	2.57	1980
1981	1.18	7.37	2.47	2.37	2.22	1.42	2.59	1.49	1.94	2.62	3.20	4.41	2.57	1981
1982	1.45	1.22	7.66	7.20	2.05	3.16	1.18	1.54	1.90	1.65	3.77	5.34	3.18	1982
1983	2.64	3.50	3.94	4.68	4.61	1.87	1.12	1.32	1.35	1.70	2.74	1.89	2.57	1983
1984	1.53	8.44	4.88	5.15	2.96	1.73	1.36	1.15	1.65	1.51	2.16	2.51	2.89	1984
1985	1.42	5.02	7.53	6.65	2.05	1.92	1.47	1.66	1.90	1.65	4.05	2.41	3.12	1985
1986	2.17	1.85	6.73	3.14	2.81	1.96	1.61	3.27	6.05	3.57	1.95	2.40	3.14	1986
1987	1.63	1.12	5.95	3.65	1.79	1.49	1.71	1.21	1.46	1.69	2.02	3.00	2.40	1987
1988	1.99	2.41	4.75	3.39	2.04	1.02	0.772	0.839	1.25	1.42	2.07	1.44	1.95	1988
1989	2.07	1.52	4.87	2.79	2.61	2.11	0.780	0.988	1.02	1.33	2.26	0.998	1.95	1989
1990	2.97	3.57	7.17	2.74	2.33	1.25	0.952	0.995	0.988	2.24	2.08	3.03	2.53	1990
MEAN	1.90	2.86	5.40	4.99	2.61	1.65	1.33	1.34	1.52	1.74	2.26	2.22	2.48	MEAN

LOCATION - LAT 43 48 39 N
LONG 079 37 38 W
DRAINAGE AREA, 303 km².
NATURAL FLOW

HUMBER RIVER AT ELDER MILLS - STATION NO. 02HC025

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1962	---	---	---	---	1962
1963	34.0B AT 19:15 EST ON MAR 25	21.7B ON MAR 26	0.731 ON JUN 29	53 300	1963
1964	18.5 AT 16:00 EST ON DEC 25	11.3B ON MAR 05	0.578 ON JUL 01	49 500	1964
1965	---	70.8B ON FEB 11 *	0.490 ON JUN 28 *	76 000	1965
1966	14.0 AT 04:00 EST ON JAN 01	10.7 ON JAN 01	0.527 ON JUL 20	57 500	1966
1967	30.0 AT 05:30 EST ON APR 03	19.6 ON APR 03	0.912B ON JAN 17	76 000	1967
1968	32.0B AT 05:40 EST ON MAR 19	27.2B ON FEB 03	0.824 ON AUG 15	86 200	1968
1969	33.1 AT 10:40 EST ON MAR 21	27.5 ON MAR 21	0.878 ON SEP 16	86 100	1969
1970	14.8 AT 09:24 EST ON APR 09	13.6 ON APR 09	0.765B ON JAN 29	63 700	1970
1971	22.1B AT 20:56 EST ON APR 02	15.7B ON APR 02	0.731 ON AUG 09	59 700	1971
1972	43.0 AT 01:05 EST ON APR 14	36.5 ON APR 14	0.799 ON SEP 01	78 100	1972
1973	30.3 AT 19:00 EST ON MAR 11	21.0 ON MAR 12	0.765B ON DEC 25	92 100	1973
1974	---	45.9B ON MAR 05	0.872 ON AUG 20	85 500	1974
1975	45.6 AT 09:47 EST ON APR 19	37.4 ON APR 19	0.575 ON JUL 01	73 700	1975
1976	47.9 AT 03:09 EST ON MAR 21	36.5 ON MAR 21	0.589 ON NOV 30	85 200	1976
1977	30.9 AT 21:42 EST ON MAR 10	22.5 ON MAR 13	0.603 ON JUL 29	77 400	1977
1978	34.8 AT 20:59 EST ON APR 01	23.1 ON APR 01	0.538E ON JUL 08	85 100	1978
1979	29.1B AT 15:05 EST ON MAR 05	29.0B ON MAR 05	0.811 ON JUL 23	94 200	1979
1980	49.1 AT 17:00 EST ON MAR 21	29.1 ON MAR 21	0.640B ON JAN 10	81 300	1980
1981	---	34.0B ON FEB 19	0.670 ON JUL 26	81 100	1981
1982	52.5 AT 22:38 EST ON MAR 31	37.5 ON MAR 31	0.687 ON AUG 18	100 000	1982
1983	30.4 AT 15:30 EST ON FEB 03	16.0B ON FEB 03	0.765 ON JUL 27	81 100	1983
1984	---	50.0B ON FEB 15	0.938 ON AUG 18	91 500	1984
1985	---	29.0B ON FEB 25	0.991 ON AUG 04	98 500	1985
1986	56.5B AT 16:25 EST ON MAR 19	25.1B ON MAR 19	1.00 ON JUL 11	98 900	1986
1987	29.5B AT 06:30 EST ON MAR 09	21.6 ON APR 06	0.810B ON FEB 28	75 700	1987
1988	---	14.1B ON MAR 26	0.582 ON JUL 15	61 600	1988
1989	26.1 AT 13:45 EST ON MAR 28	22.3B ON MAR 16	0.639 ON JUL 19	61 400	1989
1990	67.1 AT 17:58 EST ON MAR 12 *	49.6 ON MAR 13	0.657 ON JUL 13	79 600	1990
				78 200	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

HUMBER RIVER AT WESTON - STATION NO. 02HC003

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1945	---	---	---	---	---	---	---	---	---	7.57	3.92	---	---	1945
1946	---	---	22.7	2.86	2.82	2.11	1.34	1.10	1.10	1.63	1.93	1.67	---	1946
1947	---	---	18.4	21.4	6.19	10.4	7.42	2.81	1.85	1.98	2.97	3.34	---	1947
1948	---	---	39.6	6.55	4.91	1.73	2.75	1.40	2.55	2.23	4.08	2.30	---	1948
1949	8.78	12.6	16.6	7.29	1.33	0.884	1.50	1.02	0.907	1.90	1.41	10.4	5.36	1949
1950	10.1	2.68	20.3	28.0	1.82	1.58	1.67	1.40	1.23	1.04	0.959	2.46	6.10	1950
1951	5.25	11.4	19.0	35.5	2.04	2.25	2.74	1.55	1.81	1.93	4.46	2.22	7.42	1951
1952	3.54	5.39	13.9	17.2	3.06	1.61	1.66	1.50	1.34	1.20	1.54	1.59	4.62	1952
1953	3.11	6.13	11.0	3.80	7.95	6.15	1.96	1.21	0.769	1.17	1.19	1.68	3.83	1953
1954	2.24	18.4	21.4	12.2	2.74	2.67	1.77	1.14	1.40	59.2	6.76	12.2	11.9	1954
1955	12.2	12.4	26.1	13.4	3.66	2.75	1.37	1.22	1.62	2.45	3.20	2.63	6.89	1955
1956	2.33	1.32	23.7	20.1	14.6	5.23	11.6	---	---	2.97	3.11	6.56	---	1956
1957	5.47	10.4	10.8	8.94	4.08	5.14	2.48	1.42	1.84	1.84	2.24	4.51	4.89	1957
1958	2.09	4.04	9.99	3.89	1.82	1.16	1.12	0.914	1.41	1.29	1.69	1.48	2.57	1958
1959	1.82	1.92	7.68	19.2	3.37	1.79	1.20	1.15	1.35	2.07	2.43	3.13	3.91	1959
1960	3.06	4.79	10.4	25.6	17.9	4.06	2.68	1.76	1.34	1.74	2.43	1.59	6.44	1960
1961	0.943	4.37	9.14	8.83	5.06	2.63	2.66	1.51	1.69	1.38	1.89	1.97	3.50	1961
1962	1.37	1.60	18.8	4.83	1.63	1.13	1.00	0.966	1.18	2.01	6.22	3.28	3.70	1962
1963	1.67	1.27	9.39	3.92	5.57	2.29	1.31	1.22	1.20	1.18	1.86	1.59	2.72	1963
1964	3.37	1.59	10.7	6.69	2.76	1.14	1.43	1.95	1.09	1.19	1.46	2.80	3.02	1964
1965	2.63	17.3	10.3	18.3	3.15	1.15	1.18	0.975	1.22	2.32	4.11	5.35	5.57	1965
1966	4.56	5.69	15.3	4.18	3.57	2.62	0.938	1.04	1.16	1.43	2.78	5.07	4.05	1966
1967	3.73	3.29	11.2	13.2	3.45	7.56	5.99	2.36	2.09	4.05	3.48	8.10	6.05	1967
1968	1.87	10.3	27.4	6.28	4.62	2.51	1.63	2.58	2.65	2.52	6.01	7.50	6.39	1968
1969	7.97	6.41	19.5	17.7	8.60	2.65	2.10	1.87	1.19	1.86	3.36	1.89	6.26	1969
1970	1.83	2.95	11.0	14.4	4.37	1.75	2.29	1.88	2.15	2.42	3.50	4.58	4.43	1970
1971	2.76	4.58	11.1	16.4	4.95	1.96	2.64	2.49	1.85	1.71	1.94	3.91	4.66	1971
1972	3.06	2.55	8.78	38.0	2.85	3.01	2.07	1.66	1.44	2.95	4.44	5.41	5.37	1972
1973	9.15	6.66	26.9	12.1	6.85	3.25	1.94	2.30	1.59	2.22	5.22	3.45	6.81	1973
1974	9.96	6.10	20.8	13.1	13.3	3.46	2.01	1.55	1.90	1.86	3.20	2.46	6.66	1974
1975	3.85	14.4	12.3	13.6	4.81	2.31	1.78	2.06	2.33	2.25	2.58	2.82	5.36	1975
1976	1.98	13.0	22.8	9.37	7.98	3.17	3.95	3.40	2.62	3.12	2.69	1.42	6.27	1976
1977	0.828	3.40	21.3	6.86	2.34	2.08	2.98	2.66	6.12	10.1	8.51	9.22	6.40	1977
1978	4.52	2.84	15.3	29.9	9.19	2.62	1.46	2.54	4.31	3.34	3.45	3.94	6.95	1978
1979	4.57	2.78	32.6	19.4	8.62	3.04	2.34	2.59	2.33	3.85	8.06	13.6	8.70	1979
1980	5.66	1.56	17.6	17.0	5.51	3.15	5.80	2.41	2.24	3.23	3.10	5.38	6.07	1980
1981	1.65	20.5	4.60	4.22	4.54	2.46	3.82	2.85	4.64	6.82	7.92	4.51	5.59	1981
1982	4.66	2.88	29.5	18.1	3.17	9.37	2.87	3.44	4.06	3.75	9.87	17.5	9.13	1982
1983	7.89	10.0	11.1	14.3	12.8	3.34	1.57	2.26	2.05	3.09	4.78	4.39	6.43	1983
1984	2.23	23.0	16.9	12.8	6.04	3.30	2.36	1.94	3.04	2.30	4.29	5.90	6.93	1984
1985	3.06	16.9	29.2	17.8	4.06	3.36	2.69	4.76	3.62	3.26	16.5	6.53	9.24	1985
1986	5.35	3.68	18.6	6.60	4.52	2.61	4.59	12.7	29.0	11.4	4.82	8.60	9.57	1986
1987	4.26	2.32	19.2	16.1	2.91	2.53	3.23	1.99	2.75	2.71	5.40	9.10	5.98	1987
1988	4.29	3.57	12.5	7.90	3.90	1.55	1.52	1.35	2.35	2.53	3.91	2.64	4.00	1988
1989	3.79	2.15	9.94	5.31	5.15	4.96	1.51	2.03	1.90	2.76	6.38	1.82	3.98	1989
1990	9.17	10.1	19.5	7.75	5.52	2.87	2.17	2.52	1.72	5.17	4.18	11.3	6.83	1990
MEAN	4.40	7.12	17.3	13.6	5.33	3.12	2.60	2.17	2.68	4.15	4.18	4.95	5.89	MEAN

LOCATION - LAT 43 41 54 N
LONG 079 31 19 W

DRAINAGE AREA, 800 km²
REGULATED

HUMBER RIVER AT WESTON - STATION NO. 02HC003

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1945	---	---	---	---	1945
1946	---	137 ON MAR 09	0.368 ON JUL 14	---	1946
1947	---	151 ON JUN 02	0.991 ON JUN 28	---	1947
1948	244 ON MAR 20	218 ON MAR 20	0.396 ON SEP 18	---	1948
1949	---	137 ON MAR 23	0.396 ON JUL 03	169 000	1949
1950	---	206 ON APR 04	0.850 ON JUN 01	192 000	1950
1951	---	127 ON APR 12	0.850 ON JAN 14	234 000	1951
1952	141 ON MAR 11	88.1 ON APR 13	0.850 ON MAY 09	146 000	1952
1953	176 ON MAR 04	129 ON MAR 04	0.255 ON JUL 16 *	121 000	1953
1954	---	838 E ON OCT 16 *	0.821 ON JUL 28	374 000	1954
1955	---	137 E ON MAR 02	0.481 ON AUG 01	217 000	1955
1956	---	---	---	---	1956
1957	---	79.3E ON FEB 26	0.963 ON OCT 16	154 000	1957
1958	25.2B AT 14:00 EST ON FEB 28	20.2B ON FEB 28	0.708 ON AUG 05	81 000	1958
1959	109 AT 23:00 EST ON APR 01	86.4 ON APR 02	0.765 ON AUG 04	123 000	1959
1960	138 AT 23:45 EST ON MAY 09	112 ON MAR 31	1.08 ON SEP 14	204 000	1960
1961	54.1 AT 01:00 EST ON MAR 25	29.7 ON MAR 25	0.595B ON JAN 21	110 000	1961
1962	125 AT 22:00 EST ON NOV 10	59.7 ON NOV 11	0.606 ON JUL 08	117 000	1962
1963	88.3 AT 15:00 EST ON MAR 27	62.9 ON MAR 27	0.906 ON JUN 27	85 900	1963
1964	105 AT 14:30 EST ON MAR 05	60.6 ON MAR 05	0.799A ON JUN 28	95 600	1964
1965	261 AT 03:00 EST ON FEB 11 *	204 ON FEB 11	0.634 ON AUG 25	176 000	1965
1966	74.8 AT 22:45 EST ON MAR 05	49.8 ON MAR 05	0.674 ON JUL 26	128 000	1966
1967	110 AT 12:15 EST ON APR 03	75.0 ON APR 03	1.31 ON SEP 18	191 000	1967
1968	97.7 AT 23:30 EST ON FEB 02	71.4 ON MAR 19	0.980 ON AUG 15	202 000	1968
1969	108 AT 22:30 EST ON APR 18	85.8 ON MAR 21	0.974 ON SEP 05	197 000	1969
1970	41.9 AT 04:10 EST ON APR 04	33.1 ON APR 04	0.920B ON JAN 25	140 000	1970
1971	97.1 AT 13:45 EST ON APR 02	81.8 ON APR 02	0.912 ON AUG 09	147 000	1971
1972	179 AT 02:51 EST ON APR 14	143 ON APR 13	0.915 ON JUL 31	202 000	1972
1973	130 AT 00:20 EST ON MAR 12	88.9 ON MAR 12	0.977 ON SEP 10	215 000	1973
1974	193 AT 09:45 EST ON MAR 05	163 ON MAR 05	1.18 ON AUG 21	210 000	1974
1975	190 AT 07:30 EST ON FEB 25	155 ON FEB 25	1.29 ON JUL 03	169 000	1975
1976	169 AT 01:38 EST ON MAR 21	133 ON MAR 21	0.906B ON DEC 31	198 000	1976
1977	81.0 AT 03:10 EST ON OCT 02	73.6 ON MAR 13	0.663 ON JUL 28	202 000	1977
1978	123 AT 02:25 EST ON APR 07	97.2 ON APR 07	1.18 ON JUL 17	219 000	1978
1979	145 AT 17:30 EST ON DEC 25	123 ON DEC 25	1.61 ON AUG 16	274 000	1979
1980	168 AT 23:41 EST ON MAR 21	105 ON MAR 21	1.17 B ON MAR 03	192 000	1980
1981	115 AT 05:41 EST ON FEB 19	97.0 ON FEB 19	1.19 ON JUL 26	176 000	1981
1982	130 AT 04:18 EST ON APR 01	107 ON APR 01	1.44 ON AUG 18	208 000	1982
1983	101 AT 03:48 EST ON MAY 03	72.8 ON MAY 03	0.971 ON JUL 27	203 000	1983
1984	---	120 B ON FEB 14	1.07 ON AUG 18	219 000	1984
1985	166 AT 01:29 EST ON FEB 25	137 ON FEB 25	1.18 ON AUG 05	291 000	1985
1986	246 AT 14:15 EST ON SEP 11	171 ON SEP 11	1.25 ON JUL 11	302 000	1986
1987	110 AT 19:15 EST ON MAR 09	91.8 ON MAR 08	1.13 ON AUG 25	189 000	1987
1988	63.1 AT 11:35 EST ON APR 04	46.4 ON APR 04	0.784 ON JUL 10	126 000	1988
1989	63.3 AT 06:40 EST ON MAR 26	52.9 ON MAR 26	0.846 ON JUL 19	126 000	1989
1990	172 AT 14:19 EST ON MAR 12	137 ON MAR 12	0.993 ON AUG 04	215 000	1990
				186 000	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX)
B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

HUMBER RIVER AT WOODBRIDGE - STATION NO. 02HC011

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1956	---	---	---	---	---	---	---	6.72	3.26	2.52	2.64	3.68	---	1956
1957	3.63	6.35	7.39	7.04	3.46	3.67	1.75	1.10	1.47	1.67	2.01	3.37	3.55	1957
1958	1.90	2.66	6.33	3.53	1.73	1.15	1.12	0.921	1.20	1.20	1.46	1.24	2.03	1958
1959	1.64	1.71	6.90	12.4	2.65	1.47	1.12	1.08	1.29	1.72	2.10	2.39	3.03	1959
1960	2.27	2.88	6.28	17.2	12.2	3.26	2.08	1.61	1.13	1.51	1.98	1.45	4.48	1960
1961	0.924	2.90	6.74	5.57	3.73	2.36	2.25	1.32	1.41	1.31	1.98	1.92	2.70	1961
1962	1.23	1.60	9.05	5.18	---	---	---	---	---	---	---	---	---	1962
MEAN	1.93	3.02	7.12	8.49	4.75	2.38	1.66	2.13	1.63	1.66	2.03	2.34	3.16	MEAN

LOCATION - LAT 43 47 07 N LONG 079 35 25 W
DRAINAGE AREA, 495 km^2
NATURAL FLOW

HUMBER RIVER AT WOODBRIDGE - STATION NO. 02HC011

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1956	---	---	---	---	1956
1957	---	52.4 ON FEB 27	0.878 ON AUG 06	112 000	1957
1958	---	10.3 ON MAR 27	0.765 ON AUG 18	64 100	1958
1959	59.4 ON APR 02 *	51.5 ON APR 02	0.651 ON AUG 03	95 700	1959
1960	---	56.9B ON MAR 31 *	0.934 ON SEP 11	142 000	1960
1961	21.4 ON MAR 24	17.3 ON MAR 28	0.595B ON JAN 21 *	65 100	1961
1962	---	---	---	---	1962
				99 800	MEAN

B - ICE CONDITIONS
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

HUMBER RIVER NEAR CEDAR MILLS - STATION NO. 02HC012

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1957	---	3.14	2.76	2.65	2.08	1.38	0.780	0.850	1.22	0.876	1.35	1.73	---	1957
1958	1.03	0.716	1.89	2.39	0.850	0.710	0.594	0.485	0.665	0.675	0.861	0.682	0.962	1958
1959	0.678	0.921	3.98	5.22	1.49	0.581	0.632	0.468	0.573	0.856	1.10	1.10	1.47	1959
1960	0.959	1.13	1.22	5.45	3.79	1.58	1.14	0.806	0.706	0.903	1.24	0.897	1.65	1960
1961	0.586	1.05	2.47	2.50	1.66	1.10	1.39	0.670	0.792	0.656	0.926	0.780	1.21	1961
1962	0.761	0.630	2.91	1.87	0.567	0.532	0.440	0.386	0.640	1.87	1.67	1.13	1.12	1962
1963	0.897	0.805	2.51	1.74	1.80	0.629	0.457	0.647	0.457	0.487	0.889	0.706	1.01	1963
1964	1.14	0.786	1.93	2.15	1.01	0.550	0.624	0.898	0.505	0.616	0.724	1.25	1.02	1964
1965	1.13	4.71	2.34	5.36	1.23	0.489	0.493	0.487	0.564	0.895	1.19	1.43	1.67	1965
1966	1.09	1.29	2.50	1.46	1.28	1.05	0.402	0.531	0.535	0.662	1.10	1.19	1.09	1966
1967	1.25	0.882	2.49	2.34	1.05	1.71	1.05	1.07	0.783	1.31	1.45	1.88	1.44	1967
1968	0.914	3.10	5.73	1.92	1.53	1.01	0.722	1.02	1.18	1.11	1.85	1.40	1.79	1968
1969	2.37	1.53	3.10	4.27	2.10	1.27	1.06	0.861	0.711	1.01	1.51	1.49	1.77	1969
1970	0.839	0.895	1.26	3.53	1.49	0.770	0.920	0.785	0.906	1.05	1.34	1.50	1.27	1970
1971	1.03	1.07	1.60	3.52	1.13	0.811	0.797	0.935	0.684	0.758	0.859	1.63	1.23	1971
1972	1.08	0.809	1.31	4.98	1.90	1.51	0.947	0.802	0.685	1.27	1.37	1.52	1.48	1972
1973	2.34	1.70	3.89	2.40	2.14	1.25	0.742	0.963	0.698	1.12	1.74	1.21	1.68	1973
1974	2.06	1.73	4.10	3.16	2.19	1.15	0.738	0.710	0.688	0.854	1.37	0.978	1.64	1974
1975	0.975	2.03	2.36	3.47	1.56	0.856	0.587	0.649	0.736	0.788	0.884	0.876	1.31	1975
1976	0.800	2.37	4.62	2.31	1.86	0.934	1.04	0.787	0.949	1.26	0.932	0.812	1.56	1976
1977	0.806	0.948	4.58	1.90	0.865	0.740	0.803	0.888	1.36	2.16	1.71	2.02	1.57	1977
1978	1.58	1.06	1.71	4.91	2.55	1.09	0.606	0.885	1.22	1.04	1.26	1.29	1.60	1978
1979	1.65	1.11	5.82	4.20	2.00	1.02	0.977	0.973	0.901	1.39	1.88	2.41	2.04	1979
1980	1.50	0.727	5.29	3.63	1.64	1.33	2.00	0.835	0.865	1.27	1.14	1.44	1.81	1980
1981	0.836	6.62	1.78	1.66	1.41	1.04	2.00	1.25	---	---	---	---	---	1981
MEAN	1.18	1.67	2.97	3.16	1.63	1.00	0.878	0.786	0.793	1.04	1.26	1.31	1.45	MEAN

LOCATION - LAT 43 55 42 N DRAINAGE AREA, 169 km²
LONG 079 48 57 W REGULATED

REMARKS - REPLACED BY STATION NO. 02HC047, HUMBER RIVER NEAR PALGRAVE.

HUMBER RIVER NEAR CEDAR MILLS - STATION NO. 02HC012

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1957	---	24.9 B ON FEB 26	0.453 ON JUL 19	---	1957
1958	---	3.77 ON MAR 30	0.396 ON AUG 18	30 300	1958
1959	---	18.4 B ON APR 05	0.368 ON JUL 29	46 300	1959
1960	---	12.5 ON MAY 10	0.530 ON SEP 11	52 200	1960
1961	---	13.3 ON MAR 28	0.439 ON JUL 13	38 300	1961
1962	---	15.9 ON MAR 30	0.246 ON JUL 18	35 400	1962
1963	---	15.0 ON MAR 26	0.156 ON SEP 23 *	31 700	1963
1964	---	6.71 ON APR 08	0.303 ON JUL 24	32 200	1964
1965	85.0 B AT 19:00 EST ON FEB 10 *	45.9 B ON FEB 10 *	0.328 ON JUN 27	52 500	1965
1966	8.86 AT 18:00 EST ON JUN 14	5.66B ON MAR 05	0.323 ON JUL 23	34 400	1966
1967	10.5 AT 04:00 EST ON JUN 11	8.67 ON APR 03	0.521 ON SEP 13	45 500	1967
1968	38.5 B AT 23:30 EST ON MAR 20	26.6 B ON MAR 19	0.462 ON AUG 15	56 500	1968
1969	15.7 AT 17:52 EST ON APR 18	13.2 ON MAR 21	0.561 ON SEP 15	55 900	1969
1970	9.85 AT 02:01 EST ON APR 09	8.47 ON APR 09	0.527 ON AUG 10	40 100	1970
1971	8.61 AT 21:45 EST ON APR 13	8.38 ON APR 13	0.479 ON AUG 09	38 900	1971
1972	22.9 AT 01:05 EST ON APR 14	18.9 ON APR 14	0.595 ON AUG 22	46 800	1972
1973	12.2 AT 00:00 EST ON MAR 12	10.0 ON MAR 12	0.513 ON SEP 08	53 000	1973
1974	---	25.5 B ON MAR 05	0.538 ON AUG 19	51 800	1974
1975	---	25.9 ON APR 19	0.343 ON JUL 01	41 200	1975
1976	28.6 AT 03:32 EST ON MAR 21	23.7 ON MAR 21	0.396 ON AUG 26	49 200	1976
1977	21.7 AT 09:50 EST ON MAR 13	13.1 ON MAR 13	0.374 ON JUL 28	49 500	1977
1978	13.9 AT 17:43 EST ON APR 01	10.2 ON APR 07	0.493 ON AUG 01	50 400	1978
1979	22.0 B AT 11:10 EST ON MAR 14	20.0 B ON MAR 05	0.631 ON JUN 20	64 200	1979
1980	---	42.0 B ON MAR 21	0.570E ON SEP 11	57 300	1980
1981	39.7 AT 04:13 EST ON FEB 19	36.8 ON FEB 19	0.620 ON JUL 25	---	1981
				45 800	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

HUMBER RIVER NEAR PALGRAVE - STATION NO. 02HC047

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1981	---	---	---	---	---	0.989	1.66	1.21	1.40	1.59	1.84	1.41	---	1981
1982	1.03	0.704	2.57	4.33	1.45	2.05	0.931	1.20	1.51	1.25	2.49	3.28	1.90	1982
1983	1.51	1.84	2.27	2.71	2.63	1.24	0.831	0.968	0.990	1.23	1.62	1.55	1.61	1983
1984	0.920	2.79	2.48	3.31	1.89	1.18	0.991	0.855	1.18	1.15	1.55	1.71	1.66	1984
1985	0.969	2.80	3.40	3.82	1.52	1.36	1.07	1.13	1.32	1.15	2.18	1.51	1.84	1985
1986	1.25	1.14	3.26	1.83	1.39	1.18	0.942	1.38	2.33	1.89	1.47	1.51	1.65	1986
1987	1.40	1.28	3.01	3.01	1.30	1.08	1.19	0.845	0.980	1.16	1.27	1.80	1.53	1987
1988	1.39	1.56	2.60	2.03	1.32	0.665	0.519	0.582	0.876	0.953	1.41	1.04	1.24	1988
1989	1.08	0.764	2.57	1.62	1.51	1.27	0.449	0.552	0.542	0.823	1.37	0.719	1.11	1989
1990	1.55	1.81	3.42	1.63	1.48	0.861	0.705	0.712	0.729	1.37	1.40	1.95	1.47	1990
MEAN	1.23	1.63	2.84	2.70	1.63	1.19	0.929	0.943	1.19	1.26	1.66	1.65	1.56	MEAN

LOCATION - LAT 43 55 57 N DRAINAGE AREA, 117 km²
LONG 079 49 45 W REGULATED

REMARKS - REPLACES STATION NO. 02HC012, HUMBER RIVER NEAR CEDAR MILLS

HUMBER RIVER NEAR PALGRAVE - STATION NO. 02HC047

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1981	---	---	0.608 ON JUL 25	---	1981
1982	24.6 AT 21:52 EST ON MAR 31 *	16.9 ON MAR 31	0.630B ON FEB 22	60 000	1982
1983	11.0 AT 14:55 EST ON FEB 03	9.00B ON FEB 03	0.644 ON SEP 12	50 900	1983
1984	---	9.00B ON FEB 14	0.666 ON AUG 17	52 400	1984
1985	---	18.5 B ON FEB 25	0.654 ON JUL 31	58 100	1985
1986	16.5B AT 18:13 EST ON MAR 19	10.7 B ON MAR 19	0.608E ON JUL 10	52 000	1986
1987	10.9 AT 20:03 EST ON APR 06	10.6 ON APR 06	0.598 ON AUG 01	48 200	1987
1988	12.3 AT 04:45 EST ON MAR 24	9.04 ON MAR 24	0.344 ON JUL 11 *	39 300	1988
1989	23.0B AT 14:30 EST ON MAR 15	10.4 B ON MAR 26	0.362 ON JUL 19	34 900	1989
1990	---	24.0 B ON MAR 12 *	0.525 ON AUG 03	46 300	1990
				49 100	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

INDIAN RIVER NEAR BLAKENEY - STATION NO. 02KF012

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1971	---	---	---	---	---	---	---	---	---	0.518	0.585	1.96	---	1971
1972	1.70	0.947	1.07	12.2	7.71	1.62	1.41	1.47	0.510	1.24	3.43	3.25	3.04	1972
1973	3.09	3.27	10.1	9.50	3.46	1.01	0.513	0.514	0.503	0.451	0.443	2.40	2.95	1973
1974	1.40	1.39	5.23	9.95	7.17	1.60	0.697	0.521	0.404	0.445	0.624	1.20	2.55	1974
1975	1.43	0.996	2.52	9.91	3.59	0.890	0.454	0.374	0.369	0.306	0.457	0.913	1.85	1975
1976	1.23	1.48	6.31	11.4	4.25	2.06	1.68	0.606	0.957	2.51	1.92	0.735	2.92	1976
1977	0.595	0.522	6.67	6.50	1.55	0.423	0.406	0.278	0.516	2.53	2.03	3.25	2.12	1977
1978	3.62	2.89	2.32	14.9	4.07	0.699	0.417	0.367	0.513	0.413	0.374	0.268	2.55	1978
1979	0.288	0.233	3.62	8.69	3.31	0.958	0.221	0.302	0.335	0.814	1.64	3.06	1.96	1979
1980	2.57	0.757	4.76	6.40	3.70	0.732	0.343	0.333	0.553	0.531	0.706	1.19	1.89	1980
1981	0.910	6.42	4.94	2.86	1.95	1.79	0.718	0.379	3.43	3.11	4.02	2.17	2.69	1981
1982	0.841	0.972	1.68	11.1	2.85	1.34	0.381	0.314	0.750	0.387	0.800	3.23	2.05	1982
1983	2.93	1.68	4.22	7.20	6.08	1.25	0.337	0.256	0.260	0.376	1.02	2.39	2.41	1983
1984	1.01	2.15	2.93	15.8	5.58	1.50	0.356	0.459	0.471	0.427	0.492	0.616	2.63	1984
1985	0.971	1.24	5.06	9.28	2.26	0.814	0.428	0.266	0.268	0.322	0.440	0.484	1.81	1985
1986	0.749	0.794	2.48	4.48	5.34	1.94	0.896	0.951	1.80	2.97	2.24	1.28	2.17	1986
1987	1.70	0.594	3.81	9.14	1.63	1.52	0.592	0.229	0.250	0.348	0.953	2.77	1.95	1987
1988	1.81	1.36	2.88	7.16	2.85	0.382	0.301	0.257	0.213	0.286	0.588	0.962	1.58	1988
1989	0.860	0.265	2.36	4.54	4.47	1.30	0.585	0.271	0.281	0.252	0.698	1.25	1.44	1989
1990	0.720	0.805	5.99	7.87	3.43	0.601	0.344	0.206	0.197	0.482	1.35	2.24	2.02	1990
MEAN	1.50	1.51	4.17	8.89	4.00	1.18	0.583	0.440	0.662	0.936	1.24	1.78	2.24	MEAN

LOCATION - LAT 45 14 44 N
LONG 076 15 39 W
DRAINAGE AREA, 203 km²
REGULATED

INDIAN RIVER NEAR BLAKENEY - STATION NO. 02KF012

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1971	---	---	---	---	1971
1972	30.3 AT 23:05 EST ON APR 21	26.8 ON APR 21	0.439 ON SEP 18	96 300	1972
1973	27.7 AT 01:05 EST ON MAR 18	24.9 ON MAR 18	0.334 ON OCT 25	92 900	1973
1974	22.3 AT 19:21 EST ON APR 04	19.3 ON APR 15	0.374 ON SEP 30	80 600	1974
1975	32.8 AT 16:14 EST ON APR 19	24.6 ON APR 19	0.244A ON OCT 31	58 200	1975
1976	40.8 AT 13:19 EST ON APR 01 *	38.8 ON APR 01 *	0.374 ON SEP 08	92 300	1976
1977	17.7 AT 19:36 EST ON MAR 14	17.0 ON MAR 14	0.150 ON SEP 09	66 800	1977
1978	30.9 AT 02:03 EST ON APR 14	28.9 ON APR 21	0.195B ON DEC 30	80 400	1978
1979	18.5 AT 02:08 EST ON APR 03	17.2 ON APR 03	0.170 ON JUL 07	61 800	1979
1980	39.9 AT 00:07 EST ON MAR 22	25.6 ON MAR 22	0.226 ON JUL 18	59 600	1980
1981	30.4 AT 05:02 EST ON FEB 24	28.3 ON FEB 24	0.261 ON JUL 17	84 900	1981
1982	29.2 AT 05:53 EST ON APR 21	25.7 ON APR 21	0.244 ON AUG 22	64 500	1982
1983	14.5 AT 16:34 EST ON MAY 08	12.8 ON MAY 08	0.238 ON SEP 03	75 800	1983
1984	32.2 AT 01:49 EST ON APR 17	28.6 ON APR 17	0.280 ON JUL 09	83 100	1984
1985	16.6 AT 18:58 EST ON APR 06	15.0 ON APR 06	0.236A ON AUG 23	57 200	1985
1986	26.3 AT 10:40 EST ON MAY 23	22.6 ON MAY 23	0.278B ON JAN 19	68 300	1986
1987	30.0 AT 07:07 EST ON APR 05	27.8 ON APR 05	0.085 ON AUG 21 *	61 700	1987
1988	14.2 AT 05:46 EST ON APR 04	14.1 ON APR 04	0.112 ON OCT 08	50 100	1988
1989	16.6 AT 14:30 EST ON MAR 15	13.1 ON MAR 29	0.098 ON AUG 10	45 300	1989
1990	---	15.2E ON MAR 17	0.143 ON JUL 11	63 800	1990
				70 700	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX)
B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

INDIAN RIVER NEAR PEMBROKE - STATION NO. 02KC014

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1969	1.52	1.56	2.93	19.1	15.3	6.37	3.08	1.50	0.698	1.70	3.36	2.64	4.98	1969
1970	0.813	1.11	1.36	17.1	10.7	3.32	2.82	0.693	0.702	1.44	2.36	2.45	3.73	1970
1971	1.36	1.38	2.15	22.5	10.4	3.33	1.24	0.653	0.461	0.388	0.847	2.20	3.90	1971
1972	0.999	0.786	0.871	15.0	17.5	9.48	4.66	4.41	2.63	5.98	11.9	5.41	6.63	1972
1973	4.06	3.02	10.9	29.7	10.4	9.32	3.60	1.74	1.31	1.64	2.76	3.35	6.80	1973
1974	2.08	2.22	4.02	25.8	19.8	5.43	2.07	1.39	0.882	1.16	4.19	3.23	6.02	1974
1975	2.64	1.78	3.36	17.9	8.77	2.45	0.854	0.469	0.507	0.740	0.929	1.81	3.51	1975
1976	1.28	1.52	11.2	22.4	9.04	3.88	5.42	1.70	1.79	1.95	2.96	1.87	5.41	1976
1977	1.43	1.20	8.65	13.9	4.02	1.24	0.557	0.448	0.667	2.00	4.24	5.47	3.66	1977
1978	3.46	2.34	1.82	23.0	12.5	3.11	0.851	0.846	0.643	0.896	1.14	1.14	4.30	1978
1979	1.27	1.20	5.54	20.7	11.6	3.92	1.39	0.799	1.17	2.28	3.35	3.50	4.73	1979
1980	1.74	0.853	4.86	16.0	7.45	4.02	5.72	3.24	1.81	5.04	5.25	4.02	5.00	1980
1981	2.01	10.7	11.2	11.1	7.29	3.20	1.47	1.02	4.24	4.30	3.52	3.27	5.24	1981
1982	1.88	1.57	5.58	19.5	6.14	3.93	1.13	0.428	0.946	0.956	2.09	5.19	3.85	1982
1983	3.50	2.43	7.02	17.1	20.7	4.47	1.20 R	0.743	0.815	1.27	3.55	3.33	5.53 R	1983
1984	2.57	3.92	4.51	29.7	11.1	4.32	2.20	0.904	0.578	0.776	2.29	2.29	5.39	1984
1985	1.83	---	---	---	---	---	---	---	---	---	---	---	---	1985
MEAN	2.03	2.35	5.19	20.0	11.4	4.49	2.39 R	1.31	1.24	2.03	3.42	3.20	4.92 R	MEAN

LOCATION - LAT 45 47 07 N LONG 077 08 18 W DRAINAGE AREA, 443 km² NATURAL FLOW R - REVISED SINCE JAN 01 1989

REMARKS - DISCONTINUED FEB 01 1985

INDIAN RIVER NEAR PEMBROKE - STATION NO. 02KC014

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1969	---	32.6 ON MAY 20	0.119 ON NOV 28 *	157 000	1969
1970	37.1B AT 17:15 EST ON APR 17	33.1 ON APR 19	0.379 ON SEP 13	118 000	1970
1971	41.6 AT 00:01 EST ON APR 24	40.8B ON APR 23	0.263 ON AUG 09	123 000	1971
1972	51.5 AT 19:40 EST ON MAY 02	50.1 ON MAY 02	0.767B ON FEB 09	210 000	1972
1973	80.7 AT 18:55 EST ON APR 03 *	76.7 ON APR 03 *	0.937 ON OCT 02	215 000	1973
1974	---	51.0B ON APR 16	0.671 ON SEP 19	190 000	1974
1975	---	43.3 ON APR 21	0.323 ON AUG 21	111 000	1975
1976	---	61.7B ON APR 03	0.651 ON SEP 17	171 000	1976
1977	31.1 AT 23:37 EST ON MAR 31	29.7 ON APR 01	0.249 ON SEP 11	115 000	1977
1978	---	52.4 ON APR 22	0.399 ON AUG 15	136 000	1978
1979	---	25.8E ON APR 28	0.283E ON SEP 13	149 000	1979
1980	30.2 AT 00:11 EST ON APR 11	28.5 ON APR 11	0.695B ON MAR 03	158 000	1980
1981	---	38.8B ON FEB 25	0.537 ON AUG 26	165 000	1981
1982	46.7 AT 03:14 EST ON APR 19	44.4 ON APR 19	0.329E ON AUG 19	121 000	1982
1983	71.1 AT 11:38 EST ON MAY 09	67.9R ON MAY 09	0.304E ON SEP 04	174 000	1983
1984	---	54.0B ON APR 07	0.466E ON SEP 24	171 000	1984
1985	---	---	---	---	1985
				155 000	MEAN

B - ICE CONDITIONS * - EXTREME RECORDED FOR THE PERIOD OF RECORD
E - ESTIMATED R - REVISED SINCE JAN 01 1989

IRVINE RIVER NEAR SALEM - STATION NO. 02GA005

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1913	---	---	---	---	---	---	---	---	0.043	---	0.746	0.324	---	1913
1914	0.687	1.17	5.52	2.50	0.287	0.030	0.028	0.028	0.056	0.044	0.519	0.483	0.946	1914
1915	0.855	2.56	5.36	4.99	0.641	0.249	0.776	6.76	5.47	2.44	1.46	0.418	2.66	1915
1916	10.7	1.40	8.42	15.8	2.43	6.02	0.174	0.049	---	---	---	---	---	1916
MEAN	4.08	1.71	6.43	7.76	1.12	2.10	0.326	2.28	1.86	1.24	0.908	0.408	1.80	MEAN

LOCATION - LAT 43 42 51 N LONG 080 26 38 W DRAINAGE AREA, 174 km² NATURAL FLOW DATA CONTRIBUTED BY - ONTARIO HYDRO

IRVINE RIVER NEAR SALEM - STATION NO. 02GA005

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1913	---	---	---	---	1913
1914	---	25.5 ON MAR 16	0 ON MAR 06 *	29 800	1914
1915	---	55.2 ON AUG 13	0.057 ON JUN 28	83 900	1915
1916	---	97.1 ON JAN 28 *	---	---	1916
				56 900	MEAN

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

JACKSON CREEK AT PETERBOROUGH - STATION NO. 02HJ001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1962	---	---	---	---	---	0.079	0.053	0.039	0.024	0.193	0.872	0.561	---	1962
1963	0.075	0.049	0.667	3.20	1.54	0.133	0.061	0.117	0.113	0.131	0.333	0.367	0.566	1963
1964	0.578	0.277	1.71	4.15	0.398	0.133	0.157	0.078	0.030	0.114	0.265	1.07	0.745	1964
1965	0.918	2.53	2.93	6.47	0.634	0.062	0.124	0.041	0.050	0.350	1.00	1.26	1.35	1965
1966	0.838	0.219	2.65	1.10	0.893	0.529	0.679	0.055	0.029	0.065	0.606	3.37	0.930	1966
1967	2.01	1.49	2.57	3.93	1.02	1.06	1.60	0.730	0.360	1.92	1.60	1.91	1.68	1967
1968	1.02	2.26	6.19	1.85	0.886	0.574	0.312	0.105	0.086	0.173	0.554	0.848	1.24	1968
1969	1.00	1.87	5.88	6.27	1.44	0.502	0.350	0.477	0.120	0.201	0.436	0.307	1.57	1969
1970	0.176	0.264	0.752	4.32	1.00	0.227	0.203	0.090	0.152	0.200	0.512	0.499	0.697	1970
1971	0.304	0.310	0.817	6.00	0.724	0.209	0.091	0.080	0.123	0.122	0.233	0.648	0.800	1971
1972	0.402	0.317	0.444	7.03	1.21	0.472	0.820	0.402	0.172	0.702	1.34	1.15	1.20	1972
1973	1.45	0.873	5.98	3.54	1.07	0.478	0.226	0.325	0.160	0.356	1.41	0.858	1.40	1973
1974	1.02	0.915	2.73	3.92	1.48	0.447	0.528	0.347	0.237	0.512	0.834	0.562	1.13	1974
1975	0.862	0.847	3.47	3.43	0.881	0.452	0.286	0.127	0.302	0.255	0.473	0.710	1.01	1975
1976	0.327	0.936	6.20	2.73	1.23	0.446	0.433	0.221	0.315	0.394	0.381	0.256	1.16	1976
1977	0.151	0.190	3.66	1.52	0.262	0.145	0.223	0.530	0.343	0.759	1.23	1.36	0.871	1977
1978	0.970	0.760	1.07	7.64	1.74	0.236	0.123	0.129	0.323	0.415	0.583	0.390	1.19	1978
1979	0.420	0.400	5.33	2.42	0.882	0.262	0.109	0.184	0.207	0.422	0.805	1.63	1.10	1979
1980	0.762	0.172	4.73	3.46	0.767	0.343	0.930	0.326	0.295	0.633	0.838	0.946	1.19	1980
1981	0.261	5.85	1.12	1.25	0.703	1.15	0.218	0.188	0.667	0.848	1.75	0.546	1.18	1981
1982	0.257	0.198	1.38	7.09	0.672	1.20	0.247	0.542	0.515	0.788	2.16	2.52	1.46	1982
1983	0.998	1.50	2.77	2.73	2.49	0.719	0.267	0.239	0.123	0.348	1.07	0.789	1.17	1983
1984	0.403	3.23	2.71	4.73	1.48	0.342	0.328	0.364	0.507	0.322	0.887	1.11	1.35	1984
1985	0.688	1.57	4.87	3.09	0.861	0.495	0.248	0.277	0.602	0.578	3.16	0.849	1.44	1985
1986	1.07	0.747	4.59	2.12	0.898	0.478	0.139	0.205	1.03	1.28	0.604	0.926	1.19	1986
1987	0.749	0.494	3.93	2.86	0.402	0.197	0.117	0.099	0.151	0.322	0.616	1.27	0.861	1987
1988	0.484	0.912	2.31	2.71	1.06	0.084	0.052	0.034	0.092	0.305	0.690	0.385	0.758	1988
1989	0.509	0.482	2.19	1.48	1.28	0.816	0.105	0.242	0.436	0.605	1.63	0.358	0.844	1989
1990	0.780	1.26	4.79	2.59	1.39	0.398	0.345	0.116	0.090	0.674	0.716	1.42	1.22	1990
MEAN	0.697	1.10	3.13	3.70	1.05	0.437	0.323	0.234	0.264	0.482	0.951	0.996	1.12	MEAN

LOCATION - LAT 44 18 10 N DRAINAGE AREA, 110 km²
LONG 078 19 14 W NATURAL FLOW

JACKSON CREEK AT PETERBOROUGH - STATION NO. 02HJ001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1962	---	---	---	---	1962
1963	---	14.7 ON APR 01	0.028B ON FEB 21	17 800	1963
1964	---	12.2 E ON APR 08	0.017 ON SEP 19	23 600	1964
1965	---	18.3 ON APR 13	0.023 ON AUG 24	42 500	1965
1966	---	14.8 ON DEC 11	0.008 ON AUG 08	29 300	1966
1967	---	28.6 ON MAR 31	0.085 ON SEP 18	53 000	1967
1968	---	27.2 B ON MAR 25	0.027 ON AUG 13	39 100	1968
1969	---	34.8 ON APR 01 *	0.074 ON SEP 21	49 400	1969
1970	10.5 AT 19:00 EST ON APR 11	9.66 ON APR 12	0.048 ON AUG 29	22 000	1970
1971	16.2 AT 19:47 EST ON APR 14	15.9 ON APR 14	0.040 ON AUG 18	25 200	1971
1972	18.0 AT 08:28 EST ON APR 19	17.5 ON APR 19	0.093 ON SEP 20	37 900	1972
1973	19.8 AT 16:56 EST ON MAR 17	13.6 ON APR 03	0.076 ON SEP 16	44 100	1973
1974	15.8 AT 16:48 EST ON JUL 27	13.6 ON APR 05	0.102 ON SEP 22	35 600	1974
1975	14.2 AT 00:57 EST ON APR 19	11.2 B ON MAR 22	0.062 ON AUG 20	31 800	1975
1976	17.8B AT 18:00 EST ON MAR 25	17.0 ON MAR 26	0.091 ON OCT 05	36 700	1976
1977	15.5 AT 17:26 EST ON MAR 14	14.8 ON MAR 14	0.071 ON SEP 12	27 500	1977
1978	14.2 AT 16:41 EST ON APR 11	13.4 ON APR 13	0.062 ON AUG 14	37 500	1978
1979	13.2 AT 18:00 EST ON MAR 25	13.1 ON MAR 25	0.050 ON OCT 01	34 600	1979
1980	27.3 AT 20:02 EST ON MAR 21 *	21.7 B ON MAR 22	0.082 ON AUG 26	37 600	1980
1981	24.3 AT 14:00 EST ON FEB 23	22.1 ON FEB 23	0.081 ON AUG 28	37 100	1981
1982	17.1 AT 18:41 EST ON APR 03	15.2 ON APR 03	0.099 ON SEP 12	46 000	1982
1983	15.8 AT 15:08 EST ON JUL 01	4.52 ON MAR 21	0.072E ON SEP 15	36 800	1983
1984	12.0 AT 15:16 EST ON APR 07	11.8 ON APR 07	0.164 ON JUN 15	42 800	1984
1985	15.9 AT 06:02 EST ON SEP 06	9.19 ON FEB 27	0.087 ON AUG 02	45 300	1985
1986	---	11.5 B ON MAR 20	0.078 ON JUL 10	37 400	1986
1987	---	8.40 ON APR 06	0.018 ON AUG 01	27 100	1987
1988	10.4 AT 17:00 EST ON MAR 27	10.2 ON MAR 27	0.004 ON AUG 21 *	24 000	1988
1989	12.9 AT 14:41 EST ON AUG 04	11.2 ON MAR 29	0.035 ON JUL 26	26 600	1989
1990	25.0B AT 15:35 EST ON MAR 14	22.0 B ON MAR 14	0.054 ON SEP 05	38 400	1990
				35 200	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

JOCK RIVER NEAR RICHMOND - STATION NO. 02LA007

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1970	0.336	0.427	0.887	43.3	7.27	0.566	0.232	0.117	0.509	3.14	8.41	6.93	5.99	1970
1971	3.24	1.70	4.16	52.8	10.7	0.674	0.157	0.113	0.158	0.149	0.279	3.40	6.42	1971
1972	2.24	0.936	1.09	50.2	10.8	2.20	5.57	6.51	0.608	5.44	12.5	6.71	8.70	1972
1973	6.98	7.56	44.3	19.7	7.97	3.01	0.483	0.313	0.772	1.13	4.20	5.72	8.53	1973
1974	6.04	5.11	16.7	34.5	12.4	2.16	0.909	0.310	0.051	0.079	1.11	2.96	6.85	1974
1975	4.08	1.38	11.8	35.5	3.97	0.640	0.152	0.063	0.115	0.500	2.62	5.78	5.54	1975
1976	1.10	2.16	30.8	32.8	11.9	3.08	2.06	0.811	1.30	4.78	4.29	1.05	8.01	1976
1977	0.429	0.412	31.3	17.4	2.19	0.230	0.083	0.103	0.095	2.97	5.08	7.84	5.72	1977
1978	10.5	6.92	5.09	49.0	4.39	0.670	0.105	0.085	0.064	0.067	0.194	0.286	6.38	1978
1979	0.569	0.580	25.9	19.1	5.14	1.11	0.127	0.111	0.251	1.94	5.21	10.5	5.91	1979
1980	3.72	0.248	20.3	20.8	5.79	0.853	0.242	0.158	0.602	2.53	4.85	4.60	5.41	1980
1981	1.09	28.8	7.64	6.61	5.97	7.68	3.13	1.49	12.5	12.5	10.8	3.07	8.26	1981
1982	1.47	0.796	4.45	39.3	3.76	1.93	0.420	0.350	0.506	0.857	3.97	10.9	5.71	1982
1983	4.52	2.21	16.2	23.2	16.5	2.22	0.164	0.047	0.040	0.495	11.9	8.92	7.23	1983
1984	2.72	10.7	8.24	43.3	10.2	2.36	0.230	0.338	0.115	0.145	0.871	2.21	6.71	1984
1985	2.32	2.21	26.7	20.4	2.84	0.534	0.072	0.028	0.025	0.137	1.28	1.68	4.87	1985
1986	1.55	0.909	11.8	10.9	13.2	3.74	4.68	5.78	11.9	15.7	6.49	6.17	7.79	1986
1987	3.19	1.71	19.8	20.8	2.60	3.62	5.19	1.32	0.948	2.45	5.83	14.3	6.84	1987
1988	2.53	4.49	12.0	17.5	4.68	0.393	0.411	0.171	0.103	1.59	9.32	2.03	4.58	1988
1989	0.744	0.401	10.6	14.5	11.0	3.04	1.33	0.274	0.071	0.291	4.03	1.30	3.98	1989
1990	2.33	4.47	21.4	21.5	6.80	1.30	0.845	0.355	0.394	6.28	6.44	9.36	6.80	1990
MEAN	2.94	4.01	15.8	28.2	7.62	2.00	1.27	0.897	1.48	3.01	5.22	5.51	6.49	MEAN

LOCATION - LAT 45 15 00 N LONG 075 47 28 W

DRAINAGE AREA, 559 km²
NATURAL FLOW

JOCK RIVER NEAR RICHMOND - STATION NO. 02LA007

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1970	125 AT 22:40 EST ON APR 14	121 ON APR 14	0.057 ON AUG 27	189 000	1970
1971	116 AT 23:30 EST ON APR 19	112 ON APR 19	0.045 ON AUG 13	202 000	1971
1972	---	136 B ON APR 19	0.413 ON SEP 25	275 000	1972
1973	---	119 B ON MAR 18	0.085 ON SEP 03	269 000	1973
1974	---	79.3B ON MAR 08	0.031 ON SEP 25	216 000	1974
1975	123 AT 05:55 EST ON APR 20	122 ON APR 20	0.034 ON AUG 12	175 000	1975
1976	140 AT 18:06 EST ON APR 01	137 ON APR 01 *	0.252 ON AUG 07	253 000	1976
1977	---	117 B ON MAR 15	0.031 ON SEP 11	180 000	1977
1978	148 B AT 22:00 EST ON APR 14 *	133 B ON APR 14	0.031 ON AUG 18	201 000	1978
1979	---	114 B ON MAR 25	0.031 ON JUL 23	186 000	1979
1980	---	103 B ON MAR 22	0.050 ON AUG 26	171 000	1980
1981	111 B AT 09:50 EST ON FEB 24	108 B ON FEB 24	0.612 ON AUG 30	260 000	1981
1982	---	75.5B ON APR 01	0.072 ON AUG 22	180 000	1982
1983	---	49.8B ON MAR 20	0.014E ON SEP 05	228 000	1983
1984	120 AT 12:27 EST ON APR 06	118 ON APR 06	0.048 ON SEP 21	212 000	1984
1985	---	59.1B ON MAR 15	0.012 ON SEP 13 *	154 000	1985
1986	65.0 AT 17:00 EST ON MAY 23	62.0 ON MAY 24	0.606B ON MAR 03	246 000	1986
1987	80.9 AT 20:20 EST ON MAR 26	79.2 ON MAR 26	0.239 ON SEP 07	216 000	1987
1988	64.8 AT 17:25 EST ON MAR 27	63.1 ON MAR 27	0.040 ON SEP 29	145 000	1988
1989	---	63.6B ON MAR 29	0.058 ON SEP 14	125 000	1989
1990	---	65.9B ON MAR 18	0.120 ON JUL 19	214 000	1990
				205 000	MEAN

B - ICE CONDITIONS
E - ESTIMATED

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

JUNCTION CREEK AT SUDBURY - STATION NO. 02CF005

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1958	---	---	---	1.29	0.428	0.754	1.00	0.369	1.45	2.11	1.27	0.315	---	1958
1959	0.316	0.257	0.721	8.21	1.07	0.826	0.765	0.767	1.79	3.88	2.34	1.04	1.83	1959
1960	0.478	0.436	0.694	9.35	4.54	2.30	2.14	0.569	0.599	0.871	1.78	0.627	2.02	1960
1961	0.267	0.228	1.21	2.52	0.916	1.64	1.68	0.636	2.71	0.923	1.46	0.894	1.26	1961
1962	0.439	0.303	2.46	3.20	1.44	0.397	0.222	0.370	0.366	0.720	0.808	0.565	0.944	1962
1963	0.315	0.276	3.29	4.52	1.05	0.837	0.443	0.763	0.515	0.268	1.09	0.245	1.13	1963
1964	0.241	0.455	1.32	5.15	1.18	0.778	0.426	0.408	1.46	1.41	1.09	0.601	1.20	1964
1965	0.304	0.846	0.866	6.17	0.750	0.325	0.420	1.94	3.17	1.51	1.84	1.32	1.61	1965
1966	1.31	1.43	2.80	4.56	0.694	0.433	0.250	0.382	0.396	1.28	4.02	2.24	1.50	1966
1967	0.754	0.423	1.54	2.35	0.711	1.18	0.233	0.590	0.660	1.45	2.07	1.80	1.76	1967
1968	1.07	0.983	4.59	2.64	0.871	1.32	1.13	1.14	2.51	0.784	0.468	1.05	1.54	1968
1969	0.932	0.658	1.90	4.96	1.29	1.33	0.553	0.574	0.408	1.98	3.27	0.359	1.51	1969
1970	0.337	0.534	0.424	5.09	1.56	2.77	1.60	0.591	3.55	2.08	1.83	1.68	1.83	1970
1971	0.795	0.778	0.558	6.93	1.52	0.575	0.529	0.494	0.823	1.74	2.00	3.88	1.72	1971
1972	1.28	0.436	1.18	9.49	1.34	0.519	0.450	1.65	1.30	---	---	---	---	1972
1973	---	0.323	4.59	1.12	1.85	0.911	0.892	2.12	0.290	0.956	1.21	0.951	---	1973
1974	0.394	0.351	0.681	3.35	1.23	1.71	0.438	0.416	0.895	1.47	3.28	0.331	1.21	1974
1975	0.622	0.226	0.330	5.95	0.879	0.360	0.221	0.200	0.248	0.505	1.37	0.664	0.959	1975
1976	0.125	0.137	3.87	4.57	1.78	0.360	0.261	0.354	0.914	0.764	0.402	0.189	1.14	1976
1977	0.169	0.222	5.64	3.24	0.308	0.178	0.521	0.717	2.91	1.99	1.91	0.856	1.56	1977
1978	0.403	0.328	0.433	6.54	1.43	0.244	0.278	1.17	1.65	2.64	0.705	0.269	1.14	1978
1979	0.231	0.272	4.01	8.30	1.56	0.395	0.362	0.335	0.395	1.56	2.00	0.794	1.68	1979
1980	0.585	0.258	1.19	6.42	1.32	0.340	0.289	0.392	1.10	1.37	0.774	0.338	1.19	1980
1981	0.174	2.28	1.87	3.73	0.761	0.746	0.408	0.346	2.25	1.82	0.708	0.331	1.27	1981
1982	0.162	0.176	0.781	5.84	0.625	0.441	0.169	0.175	0.897	1.91	1.66	2.07	1.24	1982
198[illegible]	0.508	0.154	2.31	3.69	2.57	0.773	0.180	0.487	0.764	1.98	0.911	0.198	1.24	1983
19[illegible]	0.210	1.64	1.25	2.30	1.01	2.16	0.429	0.573	1.04	1.22	2.21	1.29	1.27	1984
1[illegible]	0.341	0.266	1.39	7.35	0.813	0.270	0.755	0.436	0.380	0.865	1.56	0.327	1.22	1985
1986	0.225	0.217	1.76	4.51	0.757	0.612	0.765	0.520	0.504	1.21	0.740	0.366	1.02	1986
1987	0.285	0.237	2.38	1.59	0.649	0.339	0.175	0.149	0.197	0.314	0.420	0.917	0.641	1987
1988	0.204	0.233	1.07	6.41	1.28	0.275	0.150	0.724	0.842	2.34	2.63	0.681	1.40	1988
1989	0.329	0.229	2.02	5.82	0.791	2.03	0.167	0.324	0.221	0.384	0.584	0.202	1.09	1989
1990	0.325	0.367	3.69	1.72	3.04	1.37	0.654	0.214	0.251	1.71	2.78	1.02	1.44	1990
MEAN	0.458	0.508	1.96	4.94	1.32	0.894	0.574	0.633	1.14	1.44	1.60	0.894	1.36	MEAN

LOCATION - LAT 46 29 20 N DRAINAGE AREA 89.1 km²
LONG 080 59 45 W REGULATED SINCE 1971

JUNCTION CREEK AT SUDBURY - STATION NO. 02CF005

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1958	---	16.5 ON SEP 06	---	---	1958
1959	23.6 AT 23:45 EST ON OCT 24	17.2 ON APR 15	0.227B ON FEB 20	57 700	1959
1960	31.4 AT 09:00 EST ON APR 17	22.3 ON APR 15	0.258 ON AUG 31	64 000	1960
1961	20.8 AT 13:00 EST ON SEP 14	11.7 ON SEP 14	0.176RB ON FEB 15	39 600	1961
1962	15.3 AT 21:00 EST ON MAR 29	13.3 ON MAR 30	0.178 ON JUL 15	29 800	1962
1963	37.9 AT 19:00 EST ON MAR 30 *	29.7 ON MAR 31 *	0.125RB ON DEC 21	35 800	1963
1964	26.1 AT 22:00 EST ON APR 13	23.6 ON APR 14	0.136B ON JAN 01	38 100	1964
1965	27.4 AT 05:00 EST ON APR 12	19.1 ON APR 12	0.142RB ON JAN 17	50 900	1965
1966	15.8 AT 14:00 EST ON MAR 23	12.2 ON MAR 24	0.181 ON JUL 17	47 400	1966
1967	31.7 AT 15:00 EST ON APR 02	26.6 ON APR 02	0.136 ON JUL 22	55 500	1967
1968	14.0 AT 18:30 EST ON MAR 28	12.6 ON MAR 29	0.235B ON FEB 24	40 800	1968
1969	17.9 AT 21:00 EST ON APR 10	16.5 ON APR 10	0.159 ON JUL 27	47 700	1969
1970	32.0 AT 11:00 EST ON SEP 24	18.9 ON JUN 02	0.227B ON MAR 20	57 700	1970
1971	28.2 AT 21:56 EST ON DEC 10	19.0 B ON APR 14	0.190 ON JUL 19	54 100	1971
1972	32.6 AT 17:30 EST ON APR 20	25.3 ON APR 20	---	---	1972
1973	---	12.0 E ON MAR 14	0.176 ON SEP 13	---	1973
1974	34.5 AT 16:27 EST ON AUG 18	20.5 ON NOV 01	0.105 ON AUG 12	38 100	1974
1975	24.7 AT 08:48 EST ON APR 19	23.1 ON APR 19	0.088 ON SEP 03	30 300	1975
1976	20.6 AT 22:47 EST ON MAR 30	18.7 ON MAR 31	0.099 ON SEP 08	36 200	1976
1977	21.4 AT 19:02 EST ON MAR 29	20.0 ON MAR 30	0.082 ON JUL 23	49 200	1977
1978	27.4 AT 21:52 EST ON AUG 21	15.2 ON APR 19	0.113 ON JUL 04	42 200	1978
1979	21.7 AT 16:10 EST ON APR 14	20.3 ON APR 14	0.136 ON AUG 16	53 100	1979
1980	20.6 AT 01:36 EST ON APR 09	19.3 ON APR 09	0.153 ON JUL 10	37 700	1980
1981	19.5 AT 01:41 EST ON SEP 10	10.6 B ON FEB 24	0.096 ON AUG 22	40 100	1981
1982	15.1 AT 09:06 EST ON OCT 07	11.4 ON APR 17	0.068 ON JUL 25	39 100	1982
1983	10.7 AT 16:32 EST ON APR 29	9.75 ON APR 15	0.060 ON JUL 30 *	39 100	1983
1984	13.5 AT 21:03 EST ON AUG 22	6.28 ON SEP 13	0.081 ON JUL 28	40 100	1984
1985	17.7 AT 01:56 EST ON JUL 14	16.4 ON APR 22	0.139 ON JUL 01	38 600	1985
1986	20.8 AT 17:16 EST ON MAR 30	15.7 ON APR 02	0.141 ON SEP 01	32 000	1986
1987	9.26 AT 02:13 EST ON MAR 30	8.50 ON MAR 26	0.071 ON AUG 26	26 200	1987
1988	20.5 AT 17:53 EST ON APR 04	19.3 ON APR 04	0.073 ON AUG 04	44 200	1988
1989	16.6 AT 18:36 EST ON MAR 28	12.6 ON JUN 17	0.103 ON JUL 31	34 300	1989
1990	24.3 AT 23:53 EST ON MAY 17	18.3 ON MAY 18	0.086 ON SEP 02	45 300	1990
				42 900	MEAN

B - ICE CONDITIONS * - EXTREME RECORDED FOR THE PERIOD OF RECORD
E - ESTIMATED R - REVISED SINCE JAN 01 1989

JUNCTION CREEK BELOW KELLEY LAKE - STATION NO. 02CF012

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1977	1.09	1.45	7.12	5.36	1.53	1.29	1.48	1.91	5.00	4.37	3.86	3.02	3.13	1977
1978	2.09	1.49	2.13	10.9	5.05	1.19	1.24	1.92	3.11	6.47	2.65	1.69	3.33	1978
1979	1.64	1.51	6.63	17.5	6.79	---	1.14	1.19	1.49	2.26	3.91	---	---	1979
1980	2.73	1.34	2.67	11.0	4.65	1.67	1.36	1.61	2.88	3.78	2.59	1.58	3.15	1980
1981	1.04	1.23	4.73	9.35	2.49	2.05	1.78	1.09	4.16	3.68	2.00	2.15	3.28	1981
1982	1.53	1.25	2.80	14.6	2.47	1.14	0.488	0.669	2.33	3.80	3.34	4.95	3.27	1982
1983	1.17	2.52	6.40	8.34	5.98	2.91	1.38	1.64	2.11	4.21	2.37	1.92	3.56	1983
1984	1.03	4.32	3.74	5.61	2.53	4.67	2.22	1.90	2.95	2.77	5.01	3.95	3.37	1984
1985	1.86	1.64	4.38	16.8	4.62	1.45	2.21	1.48	1.32	2.29	3.70	2.04	3.64	1985
1986	2.50	2.46	5.22	9.87	2.09	1.85	2.05	1.56	1.40	3.46	1.93	1.77	2.88	1986
1987	1.18	1.26	4.98	3.91	1.63	1.24	0.866	0.496	0.652	1.34	1.96	3.53	1.92	1987
1988	2.01	2.47	4.18	13.2	4.00	1.99	1.18	2.32	2.40	5.46	2.63	2.67	4.19	1988
1989	2.71	2.34	4.86	12.6	3.28	4.02	1.33	1.26	1.30	1.36	2.27	1.59	3.23	1989
1990	2.08	2.21	8.58	3.98	7.82	4.07	2.89	1.33	1.60	4.90	7.18	5.05	4.33	1990
MEAN	1.90	2.22	4.89	10.2	3.92	2.27	1.54	1.46	2.34	3.51	3.60	2.79	3.33	MEAN

LOCATION - LAT 46 25 39 N
LONG 081 05 50 W

DRAINAGE AREA, 207 km²
NATURAL FLOW

REMARKS - DATA PRIOR TO 1980 CONTRIBUTED BY ONT. MINISTRY OF THE ENVIRONMENT.

JUNCTION CREEK BELOW KELLEY LAKE - STATION NO. 02CF012

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1977	21.7 AT 01:05 EST ON MAR 31	21.0 ON MAR 30	0.470 ON JUL 23	98 700	1977
1978	---	20.6 ON APR 20	0.643 ON AUG 16	105 000	1978
1979	---	28.3E ON APR 15	0.851 ON AUG 18	---	1979
1980	17.0 AT 12:11 EST ON APR 14	16.8 ON APR 13	1.02 ON AUG 04	99 600	1980
1981	20.7 AT 22:03 EST ON FEB 24	20.3 ON FEB 24	0.612 ON AUG 18	103 000	1981
1982	22.5 AT 10:51 EST ON APR 19	22.3 ON APR 19	0.312 ON AUG 06 *	103 000	1982
1983	18.6 AT 13:25 EST ON APR 15	18.2 ON APR 15	0.622E ON NOV 12	112 000	1983
1984	10.1 AT 15:05 EST ON NOV 02	10.1 ON NOV 02	0.680 ON JUL 31	107 000	1984
1985	32.5 AT 02:25 EST ON APR 23	31.8 ON APR 22	0.635 ON JUL 02	115 000	1985
1986	32.3 AT 23:15 EST ON MAR 31	30.5 ON MAR 31	0.683 ON AUG 30	90 700	1986
1987	15.1 AT 21:54 EST ON MAR 27	14.7 ON MAR 27	0.343 ON AUG 13	60 700	1987
1988	34.5 AT 01:14 EST ON APR 05 *	32.9 ON APR 05 *	0.669 ON AUG 01	133 000	1988
1989	25.9 AT 04:00 EST ON APR 05	24.7 ON APR 05	0.656 ON AUG 01	102 000	1989
1990	33.7 AT 16:05 EST ON MAY 18	31.8 ON MAY 18	0.806 ON SEP 08	136 000	1990
	E - ESTIMATED	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		105 000	MEAN

KABINAKAGAMI RIVER AT HIGHWAY NO. 11 - STATION NO. 04JA002

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1950	---	---	---	---	---	---	98.9	41.4	21.5	17.5	22.0	26.7	---	1950
1951	20.4	17.6	17.2	96.4	197	78.9	52.6	22.1	12.6	30.2	42.4	44.2	52.8	1951
1952	24.6	18.0	13.7	52.4	116	113	55.3	21.7	17.2	19.0	22.4	23.3	41.8	1952
1953	13.0	10.3	10.9	37.9	221	142	51.6	21.9	13.2	12.8	11.4	20.1	47.8	1953
1954	13.6	13.6	14.5	41.3	196	97.8	45.7	24.2	16.1	54.1	53.1	20.9	49.5	1954
1955	9.60	6.79	5.77	67.6	114	63.7	22.4	10.1	6.41	23.9	30.9	20.7	31.9	1955
1956	15.3	12.4	9.60	18.1	129	135	77.9	42.3	29.6	24.2	18.9	19.4	46.1	1956
1957	16.6	13.3	11.9	69.2	148	94.9	69.9	22.1	21.5	23.7	39.2	35.8	47.4	1957
1958	22.6	15.8	12.4	76.0	87.6	98.9	88.0	39.4	61.2	44.0	64.4	40.1	54.3	1958
1959	21.9	17.4	17.2	23.1	135	91.6	34.9	19.8	25.9	54.8	44.2	32.0	43.3	1959
1960	22.8	17.9	15.4	44.1	233	117	41.7	40.7	23.8	17.3	27.3	17.2	51.7	1960
1961	9.42	9.33	11.5	55.1	178	103	67.4	30.7	45.5	77.7	61.2	40.3	59.9	1961
1962	22.5	18.0	16.5	79.9	131	106	39.1	43.2	74.4	35.7	26.7	25.4	46.6	1962
1963	17.8	13.2	10.9	49.5	118	119	70.2	29.4	20.5	15.2	11.2	10.7	39.0	1963
1964	10.5	9.55	9.35	56.2	109	128	74.4	55.3	34.2	56.1	45.9	29.5	58.3	1964
1965	20.2	17.8	14.3	26.8	161	88.9	35.0	23.7	40.4	63.5	43.0	34.2	47.6	1965
1966	26.5	22.0	19.6	51.3	196	125	63.0	34.0	25.5	63.9	58.0	41.7	61.0	1966
1967	26.0	19.7	17.5	73.4	217	103	40.0	20.6	40.3	17.3	16.6	10.3	47.8	1967
1968	9.14	7.69	6.32	69.3	90.4	82.9	111	72.4	57.5	73.2	62.6	39.7	57.0	1968
1969	30.2	23.3	18.6	41.4	177	79.6	40.4	19.7	12.1	22.9	17.8	16.5	41.8	1969
1970	13.0	10.9	9.34	10.6	93.8	76.2	52.9	22.8	31.1	35.3	35.8	27.3	35.1	1970
1971	21.4	17.3	14.0	26.0	154	116	54.2	29.5	35.6	45.4	53.1	37.5	50.5	1971
1972	24.3	19.2	16.1	20.5	164	86.7	53.6	32.4	22.9	35.9	32.5	19.3	43.6	1972
1973	16.5	13.2	17.4	57.1	144	93.1	79.4	55.3	44.0	42.6	26.2	28.9	52.8	1973
1974	21.5	17.5	14.3	15.0	184	133	55.6	45.0	39.9	77.8	67.0	40.5	59.6	1974
1975	26.5	19.5	16.8	23.6	131	95.5	38.5	16.8	11.2	12.0	23.5	15.6	36.0	1975
1976	11.6	10.1	10.4	101	120	61.4	29.6	21.7	9.11	8.25	7.25	6.06	33.9	1976
1977	5.70	5.56	7.53	105	126	61.1	46.9	19.4	50.5	64.6	51.7	31.1	48.0	1977
1978	22.7	14.7	9.87	13.1	146	143	64.6	31.4	17.6	34.3	25.4	19.6	44.3	1978
1979	15.7	11.5	11.2	51.4	264	174	57.0	25.5	45.5	79.8	99.5	53.9	74.4	1979
1980	31.6	19.4	13.8	64.1	172	73.7	38.3	22.4	20.5	38.2	33.1	23.4	46.0	1980
1981	15.2	12.8	14.0	79.0	166	90.6	39.2	15.1	7.36	8.61	10.9	8.88	39.1	1981
1982	7.91	6.42	5.53	13.8	144	68.5	77.8	38.7	53.7	98.4	100	61.4	56.7	1982
1983	35.6	24.9	22.2	30.4	213	120	47.8	19.8	25.3	45.9	33.8	29.1	53.8	1983
1984	18.9	14.3	11.0	66.1	118	103	97.4	45.7	19.9	18.1	24.1	25.4	47.0	1984
1985	20.0	15.5	13.5	61.3	122	67.9	44.0	52.9	36.4	58.3	48.9	27.0	47.5	1985
1986	17.4	13.7	12.6	77.1	127	55.2	28.5	14.7	14.3	31.5	31.0	24.2	37.3	1986
1987	16.7	13.0	11.5	59.1	50.2	35.5	---	---	---	---	---	---	---	1987
MEAN	18.8	14.7	13.1	49.3	153	98.1	56.6	30.9	28.5	40.1	38.7	27.7	48.0	MEAN

LOCATION - LAT 49 44 39 N DRAINAGE AREA, 3 780 km²
LONG 084 06 13 W NATURAL FLOW

REMARKS - STATION DISCONTINUED JULY 17 1987

KABINAKAGAMI RIVER AT HIGHWAY NO. 11 - STATION NO. 04JA002

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1950	---	---	---	---	1950
1951	---	206 ON MAY 07	11.0 ON SEP 11	1 670 000	1951
1952	---	154 ON MAY 19	11.0 ON AUG 27	1 320 000	1952
1953	---	276 ON MAY 11	8.07 ON OCT 29	1 510 000	1953
1954	---	231 ON MAY 03	12.1 B ON DEC 31	1 560 000	1954
1955	---	168 ON MAY 06	5.38B ON MAR 23 *	1 010 000	1955
1956	---	249 ON JUN 04	8.27B ON MAR 31	1 460 000	1956
1957	---	276 ON APR 29	10.9 B ON MAR 10	1 490 000	1957
1958	---	177 ON APR 23	11.8 B ON MAR 15	1 710 000	1958
1959	---	213 ON MAY 09	16.4 ON AUG 18	1 370 000	1959
1960	---	320 ON MAY 20	11.7 B ON DEC 31	1 630 000	1960
1961	---	255 ON MAY 17	8.38B ON JAN 25	1 030 000	1961
1962	---	181 ON JUN 02	14.8 RB ON MAR 20	1 470 000	1962
1963	---	181E ON MAY 26	9.85 ON NOV 06	1 230 000	1963
1964	---	254 ON MAY 02	8.16B ON FEB 25	1 840 000	1964
1965	---	187 ON MAY 18	12.2 RB ON APR 06	1 500 000	1965
1966	306 AT 06:00 EST ON MAY 24	306 ON MAY 24	17.8 B ON MAR 09	1 520 000	1966
1967	267 AT 06:00 EST ON MAY 22	266 ON MAY 22	7.93 ON OCT 08	1 510 000	1967
1968	214 AT 20:00 EST ON JUL 22	173 ON JUL 22	5.95B ON MAR 24	1 300 000	1968
1969	242 AT 10:00 EST ON MAY 09	242 ON MAY 09	9.34 ON SEP 29	1 320 000	1969
1970	124 AT 06:04 EST ON MAY 24	123 ON MAY 24	8.30B ON APR 16	1 110 000	1970
1971	198 AT 09:34 EST ON MAY 28	198 ON MAY 28	11.2 B ON APR 10	1 590 000	1971
1972	206 AT 02:24 EST ON MAY 04	205 ON MAY 04	14.3 B ON APR 16	1 380 000	1972
1973	203 AT 02:02 EST ON MAY 13	204 ON MAY 15	11.3 B ON FEB 28	1 660 000	1973
1974	238 AT 11:23 EST ON MAY 22	237 ON MAY 22	12.7 B ON APR 03	1 880 000	1974
1975	195B AT 16:10 EST ON MAY 02	191 ON MAY 03	8.52 ON OCT 13	1 130 000	1975
1976	231 AT 19:59 EST ON APR 23	229 ON APR 23	5.80B ON DEC 31	1 070 000	1976
1977	253 AT 19:26 EST ON APR 23	252 ON APR 24	5.47B ON MAR 03	1 510 000	1977
1978	227 AT 05:25 EST ON JUN 03	225 ON JUN 03	9.60B ON MAR 16	1 400 000	1978
1979	341 AT 01:30 EST ON MAY 15 *	340 ON MAY 15 *	9.97B ON MAR 16	2 350 000	1979
1980	---	284E ON MAY 03	12.4 B ON APR 02	1 450 000	1980
1981	225 AT 09:44 EST ON MAY 09	224 ON MAY 08	6.60E ON OCT 03	1 230 000	1981
1982	220 AT 15:42 EST ON MAY 06	220 ON MAY 06	5.42B ON MAR 16	1 180 000	1982
1983	---	261 ON MAY 05	14.5 ON AUG 25	1 700 000	1983
1984	158 AT 05:05 EST ON MAY 05	158 ON MAY 05	10.0 B ON MAR 23	1 490 000	1984
1985	268 AT 02:08 EST ON APR 26	266 ON APR 26	12.6 B ON APR 12	1 500 000	1985
1986	181 AT 22:31 EST ON MAY 01	180 ON MAY 01	11.7 ON SEP 03	1 180 000	1986
1987	---	---	11.1 B ON MAR 16	---	1987
				1 520 000	MEAN

B - ICE CONDITIONS
E - ESTIMATED

* - EXTREME RECORDED FOR THE PERIOD OF RECORD
R - REVISED SINCE JAN 01 1989

KABINAKAGAMI RIVER NEAR KABINA - STATION NO. 04JA001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1921	---	---	---	---	---	---	---	32.7	23.7	32.1	17.8	---	---	1921
1922	---	---	---	---	---	52.7	26.1	14.3	8.09	5.71	5.97	6.60	---	1922
1923	6.06	5.69	5.35	10.7	30.0	27.1	21.2	10.2	15.5	26.2	43.6	38.1	20.0	1923
1924	20.0	13.4	12.5	19.2	67.2	56.7	39.6	43.0	37.0	23.9	18.6	15.4	30.6	1924
1925	12.7	12.1	11.8	48.7	99.4	105	62.2	62.6	29.3	25.5	---	---	---	1925
MEAN	12.9	10.4	9.88	26.2	65.5	60.4	37.3	32.6	22.7	22.7	21.5	20.0	25.3	MEAN

LOCATION - LAT 49 47 00 N LONG 084 06 00 W DRAINAGE AREA, 3 780 km² NATURAL FLOW

KABINAKAGAMI RIVER NEAR KABINA - STATION NO. 04JA001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1921	---	---	---	---	1921
1922	---	---	---	---	1922
1923	---	73.6 ON JUN 28	5.15B ON APR 01 *	632 000	1923
1924	---	96.0 ON APR 30	12.5 B ON MAR 06	968 000	1924
1925	---	162 ON JUN 08 *	---	---	1925
	B - ICE CONDITIONS	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		800 000	MEAN

KAGAWONG RIVER AT KAGAWONG - STATION NO. 02CG001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1915	---	---	---	---	---	---	---	1.59	0.960	1.09	0.648	0.680	---	1915
1916	1.27	1.53	2.08	6.71	5.87	2.87	1.76	0.965	0.918	0.746	1.68	2.92	2.44	1916
1917	2.45	2.56	1.88	4.65	4.27	3.89	3.31	1.78	1.49	---	---	---	---	1917
MEAN	1.86	2.05	1.98	5.68	5.07	3.38	2.54	1.45	1.12	0.918	1.16	1.80	2.44	MEAN

LOCATION - LAT 45 54 00 N LONG 082 16 00 W DRAINAGE AREA, 243 km² REGULATED DATA CONTRIBUTED BY - ONTARIO HYDRO

KAGAWONG RIVER AT KAGAWONG - STATION NO. 02CG001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1915	---	---	---	---	1915
1916	---	7.39 ON APR 12 *	0.623 ON JAN 03 *	77 200	1916
1917	---	---	---	---	1917
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		77 200	MEAN

KAIBUSKONG RIVER AT BONFIELD - STATION NO. 02JE008

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1915	---	---	---	---	---	---	---	0.994	0.969	0.962	---	---	---	1915
MEAN	---	---	---	---	---	---	---	0.994	0.969	0.962	---	---	---	MEAN

LOCATION - LAT 46 14 05 N LONG 079 09 00 W DRAINAGE AREA, 174 km² REGULATED DATA CONTRIBUTED BY - ONTARIO HYDRO

KAIBUSKONG RIVER AT BONFIELD - STATION NO. 02JE008

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1915	---	---	---	---	1915
				---	MEAN

KAMINISTIQUIA RIVER AT KAKABEKA FALLS POWERHOUSE - STATION NO. 02AB010

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1923	---	---	---	---	37.2	31.1	31.3	26.3	31.5	36.4	37.0	32.9	---	1923
1924	24.8	19.6	13.3	27.6	28.8	25.5	25.5	22.8	30.5	31.5	31.0	30.8	26.0	1924
1925	28.5	29.9	27.2	46.1	29.4	42.0	19.7	19.1	39.3	42.4	41.8	35.6	33.3	1925
1926	36.2	34.9	41.6	52.8	41.2	52.5	57.0	36.7	47.2	47.1	44.8	39.9	44.3	1926
1927	35.9	40.9	46.2	107	218	119	86.7	42.2	29.3	36.2	41.0	37.5	70.1	1927
1928	35.1	34.2	32.3	33.9	47.6	43.6	44.1	28.0	48.3	53.4	47.6	39.3	40.6	1928
1929	27.0	21.8	25.9	41.3	40.7	37.6	32.4	28.0	28.2	32.4	31.9	31.5	31.6	1929
1930	31.3	37.0	37.7	34.1	41.9	29.4	32.3	29.1	32.9	29.2	37.2	26.7	33.2	1930
1931	16.2	11.4	10.2	22.4	36.7	42.0	19.0	14.2	17.2	24.1	42.9	45.7	25.5	1931
1932	47.5	45.8	52.9	80.6	92.1	66.1	36.7	44.6	24.1	19.0	25.5	14.0	45.5	1932
1933	14.0	13.2	35.3	64.6	104	66.3	24.9	22.1	17.3	24.2	25.9	27.6	36.9	1933
1934	28.6	47.3	47.7	52.4	237	91.5	47.9	32.9	39.0	34.0	35.6	40.8	61.4	1934
1935	39.7	46.0	53.0	121	136	56.8	47.7	49.4	41.2	34.7	40.3	42.3	59.1	1935
1936	26.5	22.6	49.6	80.7	172	75.2	42.0	20.5	20.0	20.4	24.4	24.6	50.0	1936
1937	25.3	25.0	30.1	65.6	115	120	55.5	48.6	35.6	36.5	39.7	37.1	53.1	1937
1938	29.3	27.1	40.4	85.2	230	133	57.9	44.9	29.9	26.5	29.0	29.1	63.7	1938
1939	25.8	25.9	43.2	112	76.5	43.2	85.9	29.4	30.4	34.4	31.2	25.3	47.0	1939
1940	24.1	23.5	20.9	23.6	52.5	41.3	36.4	31.8	26.3	23.3	25.8	25.4	29.6	1940
1941	24.0	25.0	24.8	69.9	37.0	72.6	34.9	37.7	79.6	116	46.0	44.6	51.0	1941
1942	44.7	40.3	38.3	44.6	76.8	50.5	39.9	39.3	39.8	36.7	37.5	35.8	43.7	1942
1943	36.2	35.6	33.7	55.9	59.9	230	93.9	52.0	51.2	41.4	38.8	35.7	63.9	1943
1944	33.7	27.0	28.9	53.1	141	139	76.9	172	85.0	42.7	49.6	42.4	74.2	1944
1945	39.1	42.0	91.3	170	53.0	44.0	49.8	34.9	41.1	33.3	35.5	31.4	55.4	1945
1946	38.0	38.7	58.8	74.4	76.5	46.7	44.6	38.8	39.2	71.4	74.0	49.7	54.3	1946
1947	49.2	48.2	39.7	44.7	94.5	205	53.8	46.3	46.4	43.1	44.6	38.7	62.7	1947
1948	42.0	42.9	39.4	89.7	57.4	45.9	47.9	56.7	52.7	45.7	38.7	39.5	48.7	1948
1949	39.5	39.7	36.7	57.9	52.7	35.5	33.1	33.7	35.8	40.1	40.3	39.5	40.3	1949
1950	38.1	39.0	40.5	54.3	306	174	142	58.8	51.3	89.6	52.5	53.5	92.2	1950
1951	51.7	50.0	56.6	87.1	255	76.8	56.2	45.4	53.7	60.3	55.4	51.4	75.4	1951
1952	52.8	50.9	50.5	86.8	58.2	54.0	137	59.4	53.5	26.0	46.8	45.4	60.2	1952
1953	44.3	39.6	40.8	54.7	72.4	173	48.2	36.6	36.7	38.8	40.1	41.1	55.4	1953
1954	41.7	44.9	43.6	68.4	198	124	50.1	38.6	33.8	33.7	34.2	32.7	62.1	1954
1955	32.0	32.1	33.2	62.5	36.6	29.7	31.2	27.9	32.8	39.9	42.8	40.6	36.7	1955
1956	38.6	38.1	30.3	52.9	90.4	58.2	43.5	33.9	37.2	31.1	34.1	39.6	44.0	1956
1957	40.0	39.2	39.9	92.6	58.4	67.4	70.1	34.3	36.4	39.3	43.2	42.8	50.3	1957
1958	44.5	44.6	41.4	41.5	28.0	36.4	42.3	43.0	33.1	34.5	30.8	26.4	37.2	1958
1959	39.8	55.6	53.7	42.0	42.6	56.3	42.0	42.6	49.1	58.2	45.5	44.3	47.6	1959
1960	53.1	51.4	46.0	78.5	46.7	34.8	40.6	36.5	29.3	27.7	39.3	34.5	43.1	1960
1961	48.1	45.7	54.2	63.8	47.2	43.0	39.9	45.1	92.7	57.1	57.5	42.7	53.8	1961
1962	42.1	47.6	59.5	82.5	58.1	67.5	45.2	85.0	47.7	35.1	44.1	41.9	53.0	1962
1963	44.1	36.6	38.5	47.2	48.5	207	42.7	39.8	46.7	22.8	33.1	43.5	53.5	1963
1964	36.2	36.6	45.4	68.8	113	196	110	27.3	63.1	70.2	61.7	53.1	73.4	1964
1965	50.7	55.4	55.0	81.7	111	66.1	35.5	39.5	52.8	84.4	46.6	51.8	60.9	1965
1966	58.1	59.8	62.9	122	181	87.8	35.6	27.2	24.3	27.6	21.5	22.9	60.8	1966
1967	32.4	39.0	37.4	79.7	104	51.8	37.7	36.3	29.7	28.9	36.3	40.0	46.1	1967
1968	42.3	42.7	40.7	82.0	134	295	185	56.1	42.1	74.4	77.4	64.6	94.7	1968
1969	59.3	62.6	68.6	162	115	77.5	62.9	58.6	37.0	43.1	41.3	37.5	68.7	1969
1970	38.8	43.3	48.5	82.0	192	175	44.3	21.1	15.8	49.5	140	79.3	77.5	1970
1971	64.9	64.1	69.3	147	154	110	39.9	20.4	19.8	55.8	104	68.4	76.4	1971
1972	57.7	59.6	59.5	81.7	98.6	49.2	70.5	40.7	24.5	25.7	31.7	34.1	52.9	1972
1973	38.5	42.2	43.0	64.5	53.6	63.4	31.3	34.0	49.1	69.7	74.0	54.1	53.1	1973
1974	49.7	61.1	58.0	83.9	108	106	60.0	42.2	50.2	45.0	70.5	61.6	66.3	1974
1975	56.4	56.1	53.4	78.1	57.8	36.7	36.9	22.8	19.3	23.4	41.6	46.6	44.0	1975
1976	47.9	43.4	45.6	146	57.7	46.1	46.1	23.9	21.1	32.1	38.8	26.0	47.8	1976
1977	19.7	23.4	22.6	32.1	25.4	37.8	23.8	31.4	193	140	80.1	66.6	58.0	1977
1978	60.5	58.5	54.8	61.5	57.7	78.5	66.2	42.9	37.7	27.5	31.2	45.8	51.8	1978
1979	39.4	40.6	42.1	76.7	101	83.3	49.1	22.3	27.5	29.1	33.2	42.5	48.9	1979
1980	43.8	45.5	44.7	57.7	21.9	21.0	19.8	22.4	51.9	39.0	43.4	45.4	38.0	1980
1981	46.5	47.2	47.8	95.9	71.7	112	55.8	18.7	19.0	20.7	34.4	36.0	50.3	1981
1982	41.7	34.6	19.8	54.5	72.8	22.6	111	69.9	32.4	100	94.9	72.4	60.9	1982
1983	60.2	58.2	63.7	69.1	45.8	56.8	92.2	43.8	31.7	32.8	37.5	45.6	53.1	1983
1984	46.4	47.4	47.7	64.7	68.3	94.4	57.9	45.5	39.2	32.9	38.1	31.9	51.1	1984
1985	40.2	45.5	38.1	55.6	67.2	83.2	101	48.2	64.7	136	77.4	59.8	68.2	1985
1986	58.6	58.4	62.3	106	126	60.0	73.6	32.9	26.8	25.0R	38.3	47.5	59.6R	1986
1987	44.4	45.5	37.1	20.7	24.6	21.2	23.2	27.6	18.8	19.6	16.0	13.3	25.7	1987
1988	12.4	12.6	12.6	31.5	27.8	28.9	18.3	50.1	54.2	48.2	49.0	45.1	31.7	1988
1989	51.2	60.5	54.9	83.6	107	76.5	74.7	42.1	32.5	32.8	24.6	27.2	55.6	1989
1990	29.3	45.9	49.5	49.2	43.6	88.5	102	33.5	43.9	48.8	37.4	48.6	51.7	1990
MEAN	40.1	41.4	43.5	70.7	89.2	79.4	55.5	39.5	41.1	44.3R	45.0	41.1	52.8R	MEAN

LOCATION - LAT 48 24 56 N DRAINAGE AREA, 6 710 km²
LONG 089 37 51 W REGULATED

R - REVISED SINCE JAN 01 1989

REMARKS - DAILY DISCHARGES PRIOR TO 1975 HAVE NOT BEEN PUBLISHED.

KAMINISTIQUIA RIVER AT KAKABEKA FALLS POWERHOUSE - STATION NO. 02AB010

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1923	---	---	---	---	1923
1924	---	96.0R ON SEP 23	4.96 R ON MAR 30	822 000	1924
1925	---	118 R ON APR 24	8.95 R ON JUL 26	1 050 000	1925
1926	---	149 R ON JUL 09	11.6 R ON AUG 08	1 400 000	1926
1927	---	280 R ON MAY 15	12.5 ON SEP 01	2 210 000	1927
1928	---	99.1R ON MAY 03	16.8 R ON FEB 05	1 280 000	1928
1929	---	119 R ON APR 06	9.17 R ON SEP 02	997 000	1929
1930	---	87.2R ON NOV 21	13.4 R ON JUN 23	1 050 000	1930
1931	---	154 ON MAY 28	8.27 R ON MAR 15	796 000	1931
1932	---	175 ON APR 22	13.1 R ON DEC 08	1 440 000	1932
1933	---	172 ON MAY 01	11.3 ON SEP 13	1 160 000	1933
1934	---	354 R ON MAY 05	11.0 R ON NOV 23	1 940 000	1934
1935	---	292 R ON APR 27	22.2 ON OCT 07	1 860 000	1935
1936	---	309 ON MAY 01	14.3 R ON OCT 18	1 590 000	1936
1937	---	193 ON JUN 07	9.29 ON JAN 16	1 670 000	1937
1938	---	408 R ON MAY 05	10.8 R ON OCT 23	2 010 000	1938
1939	---	504 ON APR 19 *	12.6 ON DEC 31	1 480 000	1939
1940	---	320 R ON MAY 26	5.97 R ON JAN 23	937 000	1940
1941	---	283 R ON JUN 08	12.9 ON MAR 16	1 610 000	1941
1942	---	126 R ON MAY 20	19.1 R ON MAR 15	1 380 000	1942
1943	---	433 R ON JUN 17	21.5 ON DEC 25	2 020 000	1943
1944	---	297 ON MAY 13	17.9 R ON MAR 12	2 350 000	1944
1945	---	328 R ON APR 12	17.1 ON NOV 04	1 750 000	1945
1946	---	170 ON OCT 31	20.3 ON AUG 25	1 710 000	1946
1947	---	479 R ON JUN 11	17.5 ON DEC 25	1 980 000	1947
1948	---	189 R ON APR 27	17.6 ON DEC 25	1 540 000	1948
1949	---	124 ON APR 13	9.29 R ON SEP 05	1 270 000	1949
1950	---	428 ON MAY 22	21.4 ON JAN 01	2 910 000	1950
1951	---	413 R ON MAY 03	31.7 ON JUL 22	2 380 000	1951
1952	---	218 ON APR 19	7.42 ON OCT 19	1 900 000	1952
1953	---	278 ON JUN 01	22.9 ON OCT 04	1 750 000	1953
1954	---	300 ON MAY 01	8.50 R ON SEP 06	1 960 000	1954
1955	---	118 R ON APR 11	14.2 R ON MAY 23	1 160 000	1955
1956	---	137 ON JUN 01	22.9 R ON NOV 18	1 390 000	1956
1957	---	303 ON APR 25	12.0 R ON SEP 02	1 590 000	1957
1958	---	65.1 ON NOV 19	6.60 ON SEP 22	1 170 000	1958
1959	---	154 ON SEP 07	12.0 R ON JUL 30	1 500 000	1959
1960	---	176 ON APR 22	5.10 R ON SEP 29	1 360 000	1960
1961	---	195 R ON SEP 12	0.283R ON JUL 02	1 700 000	1961
1962	---	136 R ON AUG 09	0 R ON OCT 02 *	1 670 000	1962
1963	---	377 R ON JUN 20	2.83 R ON OCT 12	1 690 000	1963
1964	---	399 R ON JUN 24	7.08 ON AUG 25	2 320 000	1964
1965	---	263 ON OCT 01	17.6 R ON JUL 26	1 920 000	1965
1966	---	265 ON APR 25	11.6 ON SEP 19	1 920 000	1966
1967	---	164 R ON MAY 02	11.6 R ON OCT 29	1 450 000	1967
1968	---	464 R ON JUN 15	7.08 ON SEP 16	3 000 000	1968
1969	---	306 ON APR 16	21.2 R ON SEP 14	2 170 000	1969
1970	---	289 R ON MAY 26	5.66 R ON AUG 17	2 440 000	1970
1971	---	328 ON MAY 25	14.4 ON AUG 10	2 410 000	1971
1972	---	258 R ON MAY 02	15.9 ON SEP 25	1 670 000	1972
1973	---	146 ON NOV 22	17.8 R ON SEP 17	1 680 000	1973
1974	---	169 R ON APR 27	22.7 ON AUG 19	2 090 000	1974
1975	---	133 R ON APR 27	15.0 ON SEP 22	1 390 000	1975
1976	---	354 R ON APR 17	14.4 ON DEC 25	1 510 000	1976
1977	---	379 ON SEP 25	13.9 ON JAN 02	1 830 000	1977
1978	---	165 ON MAY 30	16.9 ON NOV 05	1 630 000	1978
1979	---	240 ON MAY 11	17.4 ON AUG 20	1 540 000	1979
1980	---	148 ON SEP 20	16.9 ON MAY 08	1 200 000	1980
1981	---	164 ON APR 11	17.2 ON AUG 24	1 590 000	1981
1982	---	325 ON JUL 07	17.3 ON APR 12	1 920 000	1982
1983	---	218 ON JUL 05	24.3 ON SEP 16	1 680 000	1983
1984	---	156 ON APR 28	25.3 ON DEC 24	1 620 000	1984
1985	---	185 ON OCT 09	17.6 ON APR 14	2 150 000	1985
1986	---	229 ON APR 30	17.6 ON AUG 14	1 880 000	1986
1987	---	56.5 ON AUG 13	8.40 ON MAY 29	811 000	1987
1988	---	102 ON NOV 17	11.5 ON JAN 17	1 000 000	1988
1989	---	166 ON APR 27	20.2 ON NOV 29	1 750 000	1989
1990	---	205 ON JUN 30	4.60 ON MAY 23	1 630 000	1990
				1 670 000	MEAN

* - EXTREME RECORDED FOR THE PERIOD OF RECORD
R - REVISED SINCE JAN 01 1989

KAMINISTIQUIA RIVER AT KAMINISTIQUIA - STATION NO. 02AB006

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1926	---	---	---	---	40.2	53.3	57.1	37.9	44.7	42.9	44.4	39.7	---	1926
1927	37.6	35.2	41.7	124	268	136	127	55.3	52.4	37.8	44.7	36.2	81.3	1927
1928	36.0	37.7	34.3	28.9	49.0	45.4	47.9	37.5	58.5	64.8	55.9	47.4	45.2	1928
1929	37.4	30.2	30.8	45.1	51.3	45.7	38.7	35.6	33.8	34.8	36.1	35.8	38.0	1929
1930	34.6	35.7	37.4	22.6	40.6	45.4	35.4	30.8	36.5	30.4	25.3	25.1	33.3	1930
1931	14.9	14.3	11.7	17.2	37.8	46.7	23.3	19.6	21.4	23.8	32.6	---	---	1931
1932	---	---	---	---	95.9	68.9	42.4	54.0	31.7	21.7	23.4	14.6	---	1932
1933	14.1	15.8	35.7	56.6	98.2	72.4	28.4	22.9	19.3	26.9	35.1	---	---	1933
1934	---	---	---	---	230	88.8	59.3	54.6	52.1	43.1	46.7	45.6	---	1934
1935	40.5	53.2	66.3	85.3	125	69.5	59.1	52.6	46.2	38.5	45.3	47.9	60.8	1935
1936	42.8	34.7	49.2	49.9	152	79.1	51.4	28.5	21.7	22.9	30.2	24.7	49.0	1936
1937	30.9	34.0	33.7	67.0	134	140	71.9	55.2	41.2	37.9	42.1	45.9	61.2	1937
1938	39.1	39.4	36.5	93.6	233	138	69.0	48.7	33.9	49.0	51.5	35.4	68.8	1938
1939	36.3	34.3	61.2	81.8	74.3	49.5	90.5	30.1	32.1	36.2	33.7	29.7	48.7	1939
1940	32.3	27.0	24.6	23.8	38.1	49.4	43.8	35.6	29.6	25.6	28.1	30.3	32.4	1940
1941	26.6	27.6	28.9	51.0	89.4	79.1	59.7	39.9	25.5	125	34.8	42.2	54.0	1941
1942	49.3	44.7	39.9	39.1	82.4	60.4	55.1	62.6	42.2	38.4	38.5	39.6	49.4	1942
1943	42.8	41.4	34.4	51.6	92.3	219	99.1	69.9	58.8	45.6	45.4	41.8	69.1	1943
1944	34.8	29.7	32.3	54.0	170	173	100	204	102	51.0	54.4	47.3	88.0	1944
1945	41.1	44.2	70.4	162	59.9	48.0	54.9	47.6	47.5	39.7	36.0	31.1	56.8	1945
1946	34.1	40.6	42.5	84.0	91.9	53.1	57.4	45.2	43.7	80.5	82.2	54.9	59.1	1946
1947	58.9	46.7	42.8	51.8	113	231	67.7	53.2	51.7	48.0	44.1	41.6	70.7	1947
1948	46.2	43.9	44.2	70.8	56.0	40.7	59.2	69.1	62.3	49.6	40.5	42.8	52.8	1948
1949	44.7	45.3	43.0	53.8	53.5	39.9	37.9	38.6	39.6	42.4	43.5	45.6	44.0	1949
1950	42.2	46.7	50.1	59.5	363	200	177	73.2	58.7	106	58.7	68.0	109	1950
1951	65.1	63.4	68.5	94.7	272	94.3	70.3	49.5	58.7	60.9	56.6	61.1	84.8	1951
1952	60.4	58.9	63.3	90.6	64.6	62.0	147	68.1	64.4	35.2	54.8	50.4	68.4	1952
1953	49.8	41.9	46.4	56.5	92.3	182	63.5	48.9	50.7	40.4	48.1	48.3	63.9	1953
1954	48.9	52.0	50.1	74.3	225	150	58.4	45.6	42.8	40.7	41.1	35.6	72.2	1954
1955	33.6	34.1	36.3	70.3	41.2	33.4	35.3	31.9	38.7	44.1	45.9	62.3	42.3	1955
1956	53.3	53.9	38.3	50.4	103	68.3	47.5	37.1	41.3	33.8	39.2	40.5	50.5	1956
1957	47.5	44.2	41.6	90.7	68.4	75.8	81.8	37.1	39.5	38.4	43.9	42.3	54.1	1957
1958	43.6	44.8	41.6	40.3	71.3	40.2	45.6	47.4	38.9	40.5	37.0	72.1	43.6	1958
1959	53.9	68.2	48.9	45.0	43.9	63.3	47.4	50.3	56.0	62.4	56.1	51.5	53.8	1959
1960	79.8	53.2	45.0	76.5	43.8	32.2	43.5	37.5	31.3	30.6	43.3	42.5	46.6	1960
1961	40.7	62.4	64.0	65.2	50.6	48.4	43.3	54.4	65.2	63.3	65.5	53.0	58.7	1961
1962	50.7	57.1	69.2	68.2	63.4	81.8	51.1	101	57.8	43.3	51.9	48.2	62.0	1962
1963	43.2	41.2	42.7	46.8	52.7	238	50.8	48.6	55.5	45.0	37.1	50.2	60.8	1963
1964	40.8	41.2	51.6	73.5	128	220	129	37.1	73.7	77.9	69.8	60.4	83.5	1964
1965	59.2	64.3	65.6	82.2	101	64.7	40.6	49.8	57.1	94.8	53.5	64.6	66.5	1965
1966	120	85.2	71.5	116	169	86.8	39.8	34.0	57.4	31.0	27.1	47.6	71.2	1966
1967	41.7	50.2	52.6	87.6	122	64.6	44.3	42.9	35.7	33.8	41.7	58.1	56.5	1967
1968	41.9	34.6	41.1	79.4	136	292	188	62.5	49.1	75.8	85.0	84.4	97.5	1968
1969	77.1	69.9	76.0	157	118	83.1	70.9	61.7	41.3	48.3	47.4	48.3	74.8	1969
1970	101	50.1	41.3	81.0	181	171	55.3	25.5	18.9	50.3	140	91.1	83.9	1970
1971	71.0	71.4	78.0	140	149	113	42.0	23.0	22.7	59.4	106	80.0	79.5	1971
1972	73.5	69.5	69.2	83.7	93.8	51.6	68.4	45.0	25.0	28.5	35.5	66.1	59.3	1972
1973	53.0	49.7	46.1	62.7	65.5	66.8	54.4	36.4	50.1	75.3	79.9	67.6	58.1	1973
1974	96.7	73.8	67.5	85.2	107	112	68.3	48.1	55.9	51.2	78.1	69.7	76.0	1974
1975	68.0	65.1	62.3	77.9	58.9	39.0	36.8	25.4	21.6	27.4	47.5	54.9	48.6	1975
1976	59.3	50.1	53.0	129	58.0	32.5	40.3	21.1	19.7	32.1	38.9	31.6	47.1	1976
1977	19.7	23.4	23.2	32.8	27.3	40.3	26.7	32.7	180	144	83.9	83.2	59.8	1977
1978	75.9	68.8	64.2	63.1	59.7	87.7	74.4	48.6	42.3	30.6	36.2	54.6	58.8	1978
1979	52.2	49.5	48.4	77.4	106	95.6	57.9	26.5	28.7	31.2	34.0	44.5	54.3	1979
1980	49.0	48.8	47.3	53.5	21.0	21.8	20.8	23.8	51.4	38.9	46.3	51.1	39.4	1980
1981	51.5	51.3	53.2	90.8	75.3	119	62.9	20.7	20.9	24.5	38.5	40.5	54.0	1981
1982	48.4	41.1	42.2	49.1	69.7	24.3	111	75.6	35.9	103	100	79.6	63.8	1982
1983	67.8	64.5	70.4	69.5	45.8	64.5	99.0	50.1	36.4	34.5	40.6	52.6	57.8	1983
1984	53.1	54.4	54.4	66.7	69.5	101	65.2	52.4	44.6	35.7	43.3	36.5	56.3	1984
1985	46.7	52.6	43.0	53.3	66.0	85.9	110	55.7	73.6	146	86.3	75.1	74.7	1985
1986	73.1	70.0	75.0	104	137	69.4	81.2	34.6	28.4	28.8	41.1	53.9	66.4	1986
1987	49.4	50.2	40.2	20.7	22.8	22.9	26.0	30.2	21.4	21.4	19.3	17.1	28.4	1987
1988	12.2	11.8	11.8	28.9	29.1	22.6	22.3	53.8	59.0	53.1	54.1	53.8	34.4	1988
1989	55.9	61.5	62.1	82.9	107	82.5	82.9	47.7	36.8	37.3	28.9	30.0	59.6	1989
1990	26.5	45.8	54.6	49.3	46.3	94.0	107	37.6	47.8	52.4	40.9	54.0	54.7	1990
MEAN	49.4	47.5	48.6	70.2	96.3	88.8	64.9	47.1	46.0	48.9	49.5	49.5	60.0	MEAN

LOCATION - LAT 48 31 58 N DRAINAGE AREA, 6 480 km²
LONG 089 35 39 W REGULATED

KAMINISTIQUIA RIVER AT KAMINISTIQUIA - STATION NO. 02AB006

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1926	---	164 ON JUL 10	---	---	1926
1927	---	340 ON MAY 15	22.3 ON SEP 03	2 560 000	1927
1928	---	91.5 ON OCT 20	24.7 B ON APR 01	1 430 000	1928
1929	---	121 ON APR 06	17.3 ON SEP 01	1 200 000	1929
1930	---	75.9 ON MAY 02	14.0 B ON APR 27	1 050 000	1930
1931	---	131 ON MAY 28	---	---	1931
1932	---	135 ON MAY 18	---	---	1932
1933	---	142 ON MAY 01	---	---	1933
1934	---	326 ON MAY 05	---	---	1934
1935	---	236 ON APR 27	31.7 ON OCT 08	1 920 000	1935
1936	---	273 ON MAY 01	18.7 ON OCT 03	1 550 000	1936
1937	---	241 ON JUN 06	19.7 ON OCT 30	1 930 000	1937
1938	---	428 ON MAY 05	14.9 ON NOV 24	2 170 000	1938
1939	---	201 ON APR 30	18.4 ON NOV 22	1 540 000	1939
1940	---	63.1 ON JUN 09	13.9 ON OCT 06	1 020 000	1940
1941	---	200 ON JUN 07	16.4 ON MAY 25	1 700 000	1941
1942	---	139 ON MAY 20	21.2 ON SEP 19	1 560 000	1942
1943	---	405 ON JUN 16	28.3 ON APR 18	2 180 000	1943
1944	---	385 ON AUG 10	29.7 B ON FEB 01	2 780 000	1944
1945	---	294 ON APR 12	26.5 ON NOV 03	1 790 000	1945
1946	---	187 ON OCT 31	17.3 ON AUG 27	1 870 000	1946
1947	---	575 ON JUN 11 *	34.3 ON OCT 25	2 230 000	1947
1948	---	169 ON APR 26	21.2 ON JUN 20	1 670 000	1948
1949	---	111 ON APR 13	22.1 ON OCT 02	1 390 000	1949
1950	---	513 ON MAY 21	41.9 ON SEP 30	3 440 000	1950
1951	---	416 ON MAY 02	39.1 ON SEP 03	2 670 000	1951
1952	---	221 ON APR 22	21.9 ON OCT 02	2 160 000	1952
1953	---	252 ON JUN 09	27.2 ON OCT 04	2 020 000	1953
1954	---	413 ON MAY 01	17.2 ON SEP 05	2 280 000	1954
1955	---	127 ON APR 19	16.4 ON SEP 05	1 330 000	1955
1956	---	164 ON JUN 01	25.1 ON OCT 07	1 600 000	1956
1957	---	286 ON APR 25	14.4 ON OCT 06	1 710 000	1957
1958	---	110 B ON DEC 09	14.2 E ON SEP 21	1 370 000	1958
1959	---	151 ON SEP 07	20.0 ON AUG 01	1 700 000	1959
1960	---	141 ON APR 23	6.40 ON SEP 26	1 470 000	1960
1961	---	186 ON SEP 12	6.23B ON JAN 09	1 850 000	1961
1962	---	170 ON AUG 08	16.8 ON JUL 13	1 950 000	1962
1963	---	428 ON JUN 20	5.52 ON OCT 15	1 920 000	1963
1964	---	462 ON JUN 27	7.53 ON AUG 25	2 640 000	1964
1965	---	251 ON OCT 01	25.0 ON AUG 08	2 100 000	1965
1966	---	219 ON MAY 06	11.9 ON NOV 07	2 250 000	1966
1967	195 AT 06:00 CST ON MAY 02	187 ON MAY 02	10.8 B ON JAN 06	1 780 000	1967
1968	470 AT 20:00 CST ON JUN 14 *	456 ON JUN 14	16.5 B ON JAN 23	3 080 000	1968
1969	---	270 ON APR 17	20.3 ON SEP 15	2 360 000	1969
1970	274 AT 05:30 CST ON MAY 26	271 ON MAY 26	5.24 ON OCT 05 *	2 650 000	1970
1971	---	203 ON MAY 25	17.2 ON SEP 27	2 510 000	1971
1972	227 AT 03:13 CST ON MAY 03	222 ON MAY 01	8.35 ON SEP 08	1 870 000	1972
1973	126 AT 03:10 CST ON NOV 22	123 ON APR 22	20.2 ON SEP 19	1 830 000	1973
1974	163 AT 22:48 CST ON MAY 22	149 ON APR 27	30.0 ON AUG 19	2 400 000	1974
1975	130 AT 01:44 CST ON APR 27	116 ON APR 27	17.8 ON SEP 19	1 530 000	1975
1976	262 AT 21:09 CST ON APR 18	261 ON APR 18	10.9 B ON DEC 21	1 490 000	1976
1977	292 AT 19:23 EST ON SEP 27	292 ON SEP 27	13.9 B ON JAN 02	1 890 000	1977
1978	180 AT 23:33 EST ON MAY 30	170 ON MAY 30	19.1 ON NOV 11	1 850 000	1978
1979	239 AT 12:35 EST ON MAY 11	233 R ON MAY 11	19.4 R ON SEP 29	1 710 000	1979
1980	142 AT 09:01 EST ON SEP 20	135 ON SEP 20	10.8 ON JUN 12	1 250 000	1980
1981	160 AT 12:04 EST ON APR 30	159 ON JUN 10	17.8 ON SEP 11	1 700 000	1981
1982	319 AT 17:40 EST ON JUL 06	292 ON JUL 07	19.1 ON APR 11	2 010 000	1982
1983	221 AT 09:57 EST ON JUL 05	215 ON JUL 05	27.5 ON SEP 16	1 820 000	1983
1984	169 AT 05:57 EST ON APR 28	159 ON APR 28	29.3 ON OCT 29	1 780 000	1984
1985	196 AT 18:05 EST ON OCT 09	193 ON OCT 09	18.4 ON APR 14	2 360 000	1985
1986	243 AT 19:07 EST ON APR 29	217 ON APR 30	19.6 ON AUG 13	2 090 000	1986
1987	76.5 AT 10:53 EST ON FEB 09	61.9 ON FEB 09	15.5 ON SEP 29	895 000	1987
1988	109 AT 21:21 EST ON NOV 16	92.8 ON SEP 02	11.8 B ON JAN 13	1 090 000	1988
1989	152 AT 08:28 EST ON APR 20	147 ON APR 28	25.6 B ON DEC 29	1 880 000	1989
1990	218 AT 06:35 EST ON JUN 30	201 ON JUN 30	22.7 B ON JAN 19	1 720 000	1990
				1 890 000	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD
R - REVISED SINCE JAN 01 1989

KAMINISTIQUIA RIVER AT OUTLET OF DOG LAKE - STATION NO. 02AB004

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1923	---	---	---	---	---	---	15.9	18.1	17.7	28.2	25.8	22.3	---	1923
1924	16.7	20.6	11.0	5.54	8.70	14.2	13.4	8.82	7.76	2.10	10.4	18.2	11.4	1924
1925	19.2	22.5	18.9	3.14	7.97	0	0.645	3.55	20.5	24.3	27.2	24.8	14.3	1925
1926	26.1	25.6	23.0	20.0	16.5	12.8	0	0.550	15.9	13.6	24.3	16.9	17.2	1926
1927	17.6	25.2	26.6	14.1	107	63.9	71.8	28.4	13.2	10.7	23.4	24.9	37.4	1927
1928	24.0	25.1	23.0	13.8	5.05	5.77	17.8	12.4	26.3	33.8	31.5	29.4	20.6	1928
1929	23.3	22.3	18.6	3.21	11.8	11.2	12.0	19.1	13.3	20.0	14.3	20.8	15.8	1929
1930	23.6	32.0	35.3	10.4	5.01	5.95	8.37	17.1	27.0	20.9	15.4	14.7	17.9	1930
1931	7.97	4.01	4.54	1.54	0.316	0	0.736	10.1	12.6	11.1	15.5	24.9	7.82	1931
1932	33.5	32.1	38.1	19.7	33.0	34.7	10.9	35.4	24.4	16.7	10.5	10.5	24.9	1932
1933	10.4	10.3	24.1	12.1	38.4	41.5	12.5	7.30	5.05	5.30	14.4	18.7	16.7	1933
1934	18.7	41.3	37.6	21.5	66.3	40.0	28.2	28.4	29.7	16.2	19.6	28.4	31.3	1934
1935	27.7	35.9	49.1	22.4	45.5	19.6	29.8	29.5	28.6	21.8	25.7	31.7	30.6	1935
1936	30.6	23.7	38.7	29.4	41.4	36.1	35.6	17.4	11.6	12.4	16.3	17.5	25.9	1936
1937	20.4	21.6	22.9	9.35	42.3	76.5	34.4	31.2	20.8	14.5	20.5	30.8	28.8	1937
1938	25.8	19.8	17.0	33.7	130	67.0	28.2	23.3	21.5	20.6	18.9	22.3	35.7	1938
1939	18.3	17.3	34.6	22.0	4.52	2.53	27.5	7.67	20.9	26.9	24.3	17.4	18.7	1939
1940	17.5	15.5	13.8	14.0	7.55	10.7	20.0	27.7	21.9	20.0	16.7	17.2	16.9	1940
1941	16.0	17.3	18.7	8.33	8.31	15.5	28.2	22.1	8.56	52.6	19.7	27.0	20.3	1941
1942	31.6	30.2	32.3	11.4	8.81	21.6	9.48	23.1	35.5	26.3	25.2	23.4	23.2	1942
1943	24.3	23.9	24.1	13.6	1.51	86.9	40.1	47.7	42.5	26.8	19.6	21.8	31.0	1943
1944	21.5	13.7	13.2	7.90	81.5	81.9	37.3	144	63.3	21.3	14.7	21.5	43.7	1944
1945	21.8	26.8	32.2	79.7	16.9	13.2	29.0	15.9	24.4	25.6	23.8	18.7	27.2	1945
1946	24.6	22.6	14.9	24.6	38.8	17.4	15.4	28.1	28.6	28.2	41.7	28.0	26.1	1946
1947	31.4	30.1	20.5	23.3	18.8	99.1	34.3	26.4	28.9	28.4	27.1	28.7	33.0	1947
1948	33.3	32.3	27.6	15.2	5.91	15.3	39.7	33.7	44.2	42.7	33.8	29.4	29.4	1948
1949	29.3	28.0	25.9	9.25	10.6	8.40	12.6	23.0	28.3	18.1	23.9	22.1	19.9	1949
1950	24.4	27.1	31.3	22.5	127	76.9	69.6	18.2	11.4	37.5	20.9	29.6	41.6	1950
1951	31.8	34.6	44.6	27.1	87.0	23.2	27.3	19.8	12.8	13.3	19.0	23.9	30.5	1951
1952	35.0	33.3	35.3	20.1	7.39	44.4	78.8	19.4	30.1	23.5	28.7	27.4	29.4	1952
1953	29.4	24.0	25.2	6.17	5.48	72.9	20.0	19.5	21.9	23.6	26.7	27.1	25.5	1953
1954	30.3	30.2	30.6	12.0	78.0	66.0	26.9	25.9	21.6	20.6	21.9	18.9	31.9	1954
1955	19.4	19.0	18.9	7.97	14.3	18.0	20.6	21.5	25.5	18.9	20.8	22.5	19.0	1955
1956	22.5	22.3	17.2	6.88	0.283	4.00	8.50	23.5	27.0	27.3	25.6	30.6	18.0	1956
1957	33.3	30.2	29.8	22.2	2.07	23.4	34.3	22.4	23.9	39.1	35.3	32.8	27.4	1957
1958	36.1	36.3	33.0	3.68	11.2	12.5	25.9	38.9	24.3	22.9	13.2	11.3	22.4	1958
1959	33.5	54.3	49.6	17.3	3.33	18.2	20.1	18.5	3.53	26.4	25.2	25.1	24.4	1959
1960	37.2	39.8	39.5	31.8	15.9	17.3	31.4	25.7	17.4	14.1	9.07	17.0	24.7	1960
1961	37.7	41.3	40.5	15.5	0.708	9.13	16.5	40.3	52.4	31.2	30.5	29.8	28.7	1961
1962	30.8	37.2	47.6	36.8	5.10	32.6	20.5	48.7	29.6	26.4	33.6	29.2	31.4	1962
1963	31.4	30.0	31.1	9.76	13.9	100	17.8	26.2	28.4	18.2	28.7	37.7	31.0	1963
1964	32.1	32.5	29.9	21.5	39.3	81.0	50.2	15.6	39.3	45.1	43.1	43.2	39.3	1964
1965	43.0	50.4	50.2	43.6	22.4	20.9	16.8	34.3	17.0	32.1	32.7	37.1	33.3	1965
1966	46.8	49.8	49.7	49.6	51.5	40.0	22.2	17.8	19.6	26.7	26.1	18.1	33.0	1966
1967	44.2	31.7	22.6	5.64	47.9	21.5	29.3	10.4	25.6	24.3	29.0	31.3	24.7	1967
1968	38.1	37.6	23.2	11.9	47.1	143	80.6	29.5	25.0	38.3	49.4	48.1	47.0	1968
1969	41.8	47.6	51.6	51.4	42.5	35.0	35.0	35.8	30.1	30.6	31.9	31.4	38.7	1969
1970	32.1	31.6	32.7	27.1	60.1	88.2	20.9	13.9	10.3	14.8	64.5	49.2	37.0	1970
1971	49.9	50.7	51.2	49.4	49.4	58.7	24.5	8.21	9.13	17.7	43.8	50.3	38.5	1971
1972	45.4	50.5	46.3	29.4	1.08	12.3	27.7	23.5	15.6	15.9	19.0	26.6	26.2	1972
1973	33.8	36.5	21.7	0.709	10.0	36.9	25.3	10.8	11.2	35.9	40.4	36.4	24.9	1973
1974	37.4	50.7	49.4	29.6	13.2	46.5	40.0	32.5	23.9	24.0	40.8	42.6	35.8	1974
1975	42.1	44.5	46.1	29.0	4.42	3.13	17.9	12.9	10.2	14.9	35.6	42.8	25.2	1975
1976	41.3	33.8	33.8	14.0	21.6	19.6	33.1	19.4	20.6	32.7	40.2	23.5	27.8	1976
1977	14.6	18.0	13.1	12.5	14.3	28.0	9.76	14.3	75.2	64.5	31.6	51.9	30.6	1977
1978	47.5	54.5	53.0	24.7	0.187	22.6	45.8	36.9	21.2	9.29	21.8	44.0	31.7	1978
1979	37.9	41.2	39.4	21.3	0.610	46.7	42.9	17.5	18.9	26.1	25.7	37.7	29.6	1979
1980	42.0	41.3	38.2	18.4	3.28	15.7	10.4	15.8	0	11.0	27.0	38.0	21.7	1980
1981	42.6	44.7	42.2	3.63	13.8	63.8	45.9	14.1	16.6	15.5	33.8	34.3	30.8	1981
1982	41.9	31.5	14.3	6.27	0.065	3.23	6.84	50.9	24.5	44.5	53.4	52.7	27.5	1982
1983	50.9	52.7	52.8	30.7	0.323	4.51	41.3	28.9	20.4	10.3	24.3	32.3	29.0	1983
1984	31.3	38.7	45.3	10.7	4.74	46.0	42.2	38.3	35.3	21.3	33.6	23.8	30.9	1984
1985	32.1	39.8	30.9	7.89	1.47	32.1	63.6	35.9	28.2	76.7	47.7	46.6	37.0	1985
1986	51.2	53.2	52.7	15.7	32.2	43.6	56.2	24.2	18.1	17.6 R	23.7	37.2	35.4 R	1986
1987	40.5	40.8	29.5	---	12.7	17.3	23.6	---	4.68	---	---	---	---	1987
1988	5.18	6.80	9.91	---	---	8.96	15.5	3.03	13.7	32.1	---	27.5	---	1988
1989	31.2	45.8	48.7	30.9	16.4	44.7	55.4	31.8	21.9	24.8	15.2	21.3	32.3	1989
1990	24.1	40.7	34.2	---	---	32.8	59.7	23.8	---	37.1	24.3	36.9	---	1990
MEAN	30.3	32.5	32.0	19.6	25.3	34.6	28.9	24.7	22.8	24.7 R	27.1	28.9	27.8 R	MEAN

LOCATION - LAT 48 42 30 N LONG 089 38 00 W

DRAINAGE AREA, 3 760 km²

REGULATED

R - REVISED SINCE JAN 01 1989

REMARKS - DAILY DISCHARGES PRIOR TO 1975 HAVE NOT BEEN PUBLISHED.

KAMINISTIQUIA RIVER AT OUTLET OF DOG LAKE - STATION NO. 02AB004

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1923	---	---	---	---	1923
1924	---	28.2R ON JAN 03	0 R ON APR 18 *	362 000	1924
1925	---	34.8R ON NOV 29	0 R ON APR 02	452 000	1925
1926	---	56.4R ON FEB 02	0 R ON APR 20	542 000	1926
1927	---	121 R ON MAY 26	0 E ON SEP 01	1 180 000	1927
1928	---	61.4R ON OCT 20	0 R ON APR 05	653 000	1928
1929	---	31.1R ON AUG 05	0 RE ON APR 06	499 000	1929
1930	---	44.5R ON FEB 26	0 E ON MAY 04	565 000	1930
1931	---	25.1E ON DEC 01	0 R ON APR 09	247 000	1931
1932	---	58.6R ON MAY 24	0 ON JUL 10	789 000	1932
1933	---	58.0R ON MAY 26	5.04 ON AUG 25	527 000	1933
1934	---	106 R ON MAY 21	13.8 ON OCT 01	986 000	1934
1935	---	61.7R ON MAY 23	0 R ON APR 23	966 000	1935
1936	---	58.3R ON MAY 23	5.07 R ON NOV 14	819 000	1936
1937	---	132 ON JUN 07	0 ON APR 16	908 000	1937
1938	---	234 R ON MAY 06	1.13 R ON NOV 05	1 130 000	1938
1939	---	63.1 ON JUL 10	0.595 ON MAY 10	589 000	1939
1940	---	41.6R ON AUG 14	0 RE ON NOV 09	534 000	1940
1941	---	94.6R ON OCT 14	0 R ON APR 11	640 000	1941
1942	---	48.7R ON MAR 15	0.340 ON MAY 01	731 000	1942
1943	---	221 ON JUN 19	0.142R ON APR 21	979 000	1943
1944	---	260 ON AUG 16 *	0.566R ON APR 18	1 380 000	1944
1945	---	142 ON APR 19	0.283R ON MAY 26	859 000	1945
1946	---	101 ON OCT 31	0.142R ON APR 18	822 000	1946
1947	---	199 R ON JUN 14	0.142R ON APR 30	1 040 000	1947
1948	---	61.7 ON SEP 22	0.283R ON APR 20	931 000	1948
1949	---	43.3R ON SEP 27	0.283R ON APR 12	628 000	1949
1950	---	259 R ON MAY 21	0.283 ON APR 22	1 310 000	1950
1951	---	151 R ON MAY 08	0.283 ON SEP 28	962 000	1951
1952	---	100 R ON JUL 18	0.283R ON APR 17	930 000	1952
1953	---	116 R ON JUN 18	0.283R ON APR 02	805 000	1953
1954	---	139 ON MAY 25	0.283R ON APR 14	1 010 000	1954
1955	---	35.4R ON AUG 03	0.283R ON APR 15	598 000	1955
1956	---	35.1R ON DEC 30	0.283R ON APR 14	568 000	1956
1957	---	85.8R ON JUN 26	0.283R ON APR 26	864 000	1957
1958	---	49.3R ON AUG 18	1.42 R ON APR 08	707 000	1958
1959	---	56.4R ON JAN 30	0 R ON SEP 09	770 000	1959
1960	---	56.4R ON FEB 03	1.33 R ON NOV 02	780 000	1960
1961	---	104 R ON SEP 12	0.283R ON JUN 30	905 000	1961
1962	---	79.3R ON JUN 26	0.283R ON MAY 02	991 000	1962
1963	---	192 ON JUN 19	0.283R ON JAN 20	977 000	1963
1964	---	180 R ON JUN 27	0.283R ON APR 18	1 240 000	1964
1965	---	53.8R ON DEC 17	0.283R ON MAY 02	1 050 000	1965
1966	---	81.0R ON MAY 30	0.283 ON SEP 25	1 040 000	1966
1967	---	51.3R ON JUL 08	0.283 ON MAR 01	778 000	1967
1968	---	256 R ON JUN 12	0 ON SEP 01	1 490 000	1968
1969	---	52.4R ON MAY 02	0 R ON AUG 03	1 220 000	1969
1970	---	137 R ON MAY 30	0 R ON SEP 27	1 170 000	1970
1971	---	118 ON JUN 01	0 ON MAY 22	1 210 000	1971
1972	---	54.1R ON JUL 26	0 ON APR 22	829 000	1972
1973	---	52.7R ON JUL 12	0 ON MAR 28	765 000	1973
1974	---	52.4R ON FEB 09	0 R ON APR 21	1 130 000	1974
1975	---	54.1R ON APR 02	0 ON APR 19	795 000	1975
1976	---	49.3 ON OCT 31	0 R ON APR 08	879 000	1976
1977	---	184 ON SEP 24	0 ON MAR 12	966 000	1977
1978	---	54.9 ON JAN 01	0 ON APR 23	1 000 000	1978
1979	---	54.4 ON JUN 14	0 ON APR 20	933 000	1979
1980	---	46.2 ON JAN 20	0 E ON APR 18	687 000	1980
1981	---	76.2 ON JUN 12	0 ON APR 02	972 000	1981
1982	---	86.6 ON AUG 06	0 ON APR 16	869 000	1982
1983	---	80.3 ON JUL 09	0 ON APR 24	915 000	1983
1984	---	54.5 ON JUN 15	0 ON APR 13	977 000	1984
1985	---	124 ON JUL 03	0 ON APR 13	1 170 000	1985
1986	---	91.3 ON JUL 04	0 ON APR 15	1 120 000	1986
1987	---	45.7 ON JAN 27	0 ON APR 10	---	1987
1988	---	37.6 ON OCT 08	0 ON APR 04	---	1988
1989	---	93.5 ON JUL 07	0 ON APR 22	1 020 000	1989
1990	---	---	---	---	1990
	E - ESTIMATED	* - EXTREME RECORDED FOR THE PERIOD OF RECORD R - REVISED SINCE JAN 01 1989		878 000	MEAN

KAMINISTIQUIA RIVER AT STANLEY - STATION NO. 02AB007

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1927	---	---	---	---	---	---	125	56.4	32.4	39.9	46.7	39.6	---	1927
1928	38.2	39.[illegible]	35.4	34.3	57.4	64.1	47.8	30.4	67.2	69.4	58.0	52.1	49.4	1928
1929	34.8	22.[illegible]	28.0	63.1	52.2	44.6	36.4	31.0	29.[illegible]	37.8	39.9	35.9	38.0	1929
1930	30.4	36.[illegible]	38.9	24.5	53.7	40.7	45.1	50.3	43.2	31.1	39.8	26.9	38.5	1930
1931	16.3	11.[illegible]	11.3	32.0	56.1	---	---	---	---	---	---	---	---	1931
MEAN	29.9	27.4	28.4	38.5	54.8	49.8	63.6	42.0	43.0	44.5	46.1	38.6	42.0	MEAN

LOCATION - LAT 48 22 05 N LONG 089 33 55 W DRAINAGE AREA, 7 740 km^2
REGULATED

KAMINISTIQUIA RIVER AT STANLEY - STATION NO. 02AB007

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1927	---	---	---	---	1927
1928	---	142 ON JUN 24 *	18.7 ON JUN 03	1 560 000	1928
1929	---	84.1 ON MAY 17	7.76 ON JUL 01 *	1 200 000	1929
1930	---	87.2B ON NOV 21	14.8 B ON DEC 23	1 210 000	1930
1931	---	---	---	---	1931
	B - ICE CONDITIONS	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		1 320 000	MEAN

KAMINISTIQUIA RIVER NEAR DONA - STATION NO. 02AB001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1921	---	---	---	---	---	62.2	44.4	23.8	25.9	22.6	31.5	36.8	---	1921
1922	32.3	30.0	28.3	24.9	14.0	16.0	32.4	27.6	22.1	33.5	30.3	30.1	26.8	1922
1923	30.9	29.7	28.2	24.8	12.4	11.0	16.2	19.7	20.2	29.9	31.1	24.1	23.1	1923
1924	14.7	12.7	10.5	9.06	11.3	14.8	12.8	10.4	11.7	6.92	11.9	16.9	12.0	1924
1925	18.2	26.3	19.4	10.1	10.4	6.63	5.42	6.52	19.1	24.5	26.5	25.5	16.5	1925
1926	25.4	23.5	33.6	25.4	16.9	16.8	5.13	3.12	17.2	16.2	25.4	19.9	19.0	1926
1927	24.2	36.8	33.3	43.6	130	69.4	78.3	39.7	17.8	15.7	26.6	29.3	46.2	1927
1928	30.0	33.3	30.6	18.1	11.7	12.5	22.5	16.1	32.1	38.0	35.5	32.8	26.1	1928
1929	29.9	28.4	21.8	10.7	16.1	16.2	17.1	23.5	18.0	23.2	17.9	24.3	20.6	1929
1930	25.7	29.1	34.8	14.6	11.7	11.3	12.1	19.0	26.5	22.8	20.4	16.7	20.4	1930
1931	10.8	8.64	8.44	6.77	6.37	5.17	4.85	12.9	14.7	14.1	17.8	27.1	11.5	1931
1932	34.2	36.0	39.8	26.7	34.9	34.1	16.1	37.6	27.6	18.4	14.4	12.6	27.7	1932
1933	13.1	15.0	28.8	18.8	42.2	43.5	15.7	11.7	10.4	10.9	17.3	20.3	20.6	1933
1934	20.5	43.7	38.5	25.0	74.8	40.8	31.5	31.4	34.3	22.8	26.4	34.5	35.3	1934
1935	30.4	39.6	49.7	33.5	48.4	22.7	33.0	33.5	32.8	25.8	30.5	34.6	34.5	1935
1936	34.2	25.4	41.5	36.7	50.3	39.1	39.0	22.7	15.7	16.8	18.9	17.7	29.9	1936
1937	25.3	26.6	19.7	20.1	48.5	86.8	45.1	37.4	25.3	17.7	23.7	34.9	34.3	1937
1938	29.0	26.0	24.2	38.0	136	75.0	38.2	25.7	22.1	24.7	27.7	25.6	40.7	1938
1939	24.1	26.1	42.4	31.9	16.5	9.72	32.6	13.5	25.3	28.9	27.9	21.6	25.0	1939
1940	23.4	19.3	17.3	17.8	15.3	13.8	22.9	29.0	25.1	22.4	22.1	21.0	20.8	1940
1941	17.7	19.7	22.0	15.7	11.1	23.8	33.1	22.0	13.6	21.9	22.2	30.8	23.9	1941
1942	35.6	34.0	31.5	18.9	16.1	27.2	14.1	24.1	33.6	27.1	25.4	26.9	26.1	1942
1943	29.8	26.5	27.0	18.1	8.63	78.3	39.9	43.6	41.6	27.3	21.2	24.7	31.8	1943
1944	24.2	18.1	18.5	14.1	74.1	73.5	41.0	121	60.3	29.5	21.1	25.1	43.5	1944
1945	24.2	30.0	35.4	70.2	27.0	20.9	32.4	19.0	26.7	27.6	26.9	22.0	30.1	1945
1946	26.1	26.9	23.3	32.9	50.4	25.3	20.2	30.1	29.6	33.3	44.3	32.7	31.3	1946
1947	40.1	31.7	24.3	25.8	27.1	102	28.6	30.5	31.4	30.0	29.3	30.3	36.2	1947
1948	33.5	29.2	27.3	24.2	10.9	18.1	35.8	34.5	45.3	41.9	33.7	31.6	30.5	1948
1949	31.8	33.6	26.8	17.0	16.7	14.4	16.6	27.0	31.4	22.7	28.5	26.9	24.3	1949
1950	26.6	32.2	35.7	27.5	170	102	90.4	33.4	27.7	52.2	35.0	44.2	56.7	1950
1951	43.6	46.7	44.2	40.0	109	41.1	40.3	35.0	31.1	29.6	30.5	34.4	43.9	1951
1952	42.0	42.8	41.2	34.4	20.2	30.3	90.2	33.6	40.6	24.0	36.5	34.5	39.2	1952
1953	33.4	28.6	30.3	17.2	16.6	84.0	31.6	29.9	21.7	30.4	32.5	33.3	33.2	1953
1954	35.8	34.0	32.8	23.3	81.5	76.5	35.9	33.2	28.4	27.1	28.2	23.3	38.4	1954
1955	22.4	20.9	22.7	18.7	20.0	25.1	26.7	27.1	30.4	24.4	25.0	23.2	23.9	1955
1956	19.9	22.5	19.7	14.8	11.9	12.1	16.3	20.9	29.6	---	---	---	---	1956
MEAN	27.5	28.4	28.8	24.4	39.7	37.8	31.0	28.0	27.2	26.1	26.2	27.1	29.5	MEAN

LOCATION - LAT 48 33 20 N LONG 089 35 19 W DRAINAGE AREA, 3 630 km^2 REGULATED

KAMINISTIQUIA RIVER NEAR DONA - STATION NO. 02AB001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1921	---	---	---	---	1921
1922	---	41.3 ON AUG 01	8.78 ON MAY 28	845 000	1922
1923	---	41.6 ON NOV 08	7.90 ON JUN 13	730 000	1923
1924	---	51.5 ON SEP 22	5.38 ON OCT 19	379 000	1924
1925	---	36.0 ON NOV 18	5.15 ON JUL 05	520 000	1925
1926	---	39.6B ON MAR 04	2.78 ON JUL 29 *	599 000	1926
1927	---	155 ON MAY 09	7.56 ON SEP 03	1 460 000	1927
1928	---	61.4 ON OCT 20	6.68 ON JUN 12	825 000	1928
1929	---	35.7 ON AUG 06	5.72 ON APR 14	649 000	1929
1930	---	43.9 ON MAR 09	4.76 ON JUN 22	642 000	1930
1931	---	27.7 ON DEC 02	3.94 ON APR 30	363 000	1931
1932	---	56.1 ON MAY 25	5.72 ON JUL 24	875 000	1932
1933	---	57.2 ON MAY 20	9.60 ON OCT 02	652 000	1933
1934	---	111 ON MAY 24	17.9 ON APR 13	1 110 000	1934
1935	---	61.7 ON MAY 18	12.7 ON APR 30	1 090 000	1935
1936	---	69.9 ON MAY 24	10.8 ON NOV 15	945 000	1936
1937	---	144 ON JUN 06	7.93 ON OCT 31	1 000 000	1937
1938	---	247 ON MAY 07	8.95 ON SEP 25	1 200 000	1938
1939	---	65.1 ON JUL 09	7.33 ON JUN 21	790 000	1939
1940	---	40.2 ON AUG 14	6.57 ON JUN 12	658 000	1940
1941	---	86.9 ON OCT 14	5.61 ON MAY 12	753 000	1941
1942	---	46.2 ON MAY 21	6.09 ON MAY 12	824 000	1942
1943	---	190 ON JUN 17	6.46 ON MAY 24	1 000 000	1943
1944	---	236 ON AUG 16	7.67 ON MAY 02	1 380 000	1944
1945	---	103 ON APR 17	7.59 ON JUN 20	950 000	1945
1946	---	107 ON OCT 31	8.33 ON APR 21	986 000	1946
1947	---	246 ON JUN 12	7.93 ON MAY 16	1 140 000	1947
1948	---	65.7 ON SEP 27	6.88 ON MAY 23	965 000	1948
1949	---	39.6 ON FEB 25	5.95 ON JUN 25	768 000	1949
1950	---	334 ON MAY 22 *	9.51 ON APR 30	1 790 000	1950
1951	---	184 ON MAY 09	17.8 ON APR 22	1 380 000	1951
1952	---	113 ON JUL 18	13.5 ON APR 29	1 240 000	1952
1953	---	122 ON JUN 18	9.71 ON MAY 03	1 050 000	1953
1954	---	132 ON MAY 30	10.6 ON SEP 05	1 210 000	1954
1955	45.3 AT 17:00 CST ON JUL 29	39.9 ON JUL 28	8.41 ON APR 29	754 000	1955
1956	45.9 AT 23:00 CST ON SEP 17 *	---	---	---	1956
				932 000	MEAN

B - ICE CONDITIONS

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

KAPUSKASING RIVER AT KAPUSKASING - STATION NO. 04LF001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1918	---	---	---	---	---	163	176	30.0	52.9	73.2	105	53.8	---	1918
1919	28.9	22.9	20.0	123	227	85.2	21.4	21.7	77.8	90.6	99.9	55.8	73.0	1919
1920	23.8	18.8	19.4	120	306	97.6	42.5	19.7	12.5	20.7	12.3	11.9	58.9	1920
1921	13.6	14.1	17.1	110	170	80.6	49.2	30.9	24.5	42.2	22.0	19.4	49.8	1921
1922	17.5	15.7	14.0	51.1	453	97.4	49.3	25.4	15.8	43.6	16.2	18.4	69.2	1922
1923	16.1	13.1	12.3	34.4	126	72.6	46.1	16.2	21.5	43.3	61.2	32.1	46.4	1923
1924	20.9	15.2	9.17	40.2	167	98.1	34.7	38.1	54.2	23.5	21.8	19.4	45.2	1924
1925	13.9	11.1	16.6	109	167	176	79.8	63.8	22.9	36.1	35.8	34.0	64.0	1925
1926	21.4	17.7	8.35	12.2	156	89.6	155	60.3	66.6	74.3	74.7	59.3	66.3	1926
1927	31.7	21.8	25.8	136	304	119	54.3	39.5	23.5	81.5	47.4	28.2	76.6	1927
1928	25.2	19.0	17.5	45.5	471	239	184	95.3	157	230	176	57.1	144	1928
1929	32.8	24.1	22.2	105	245	185	85.7	40.6	65.0	101	121	31.7	88.5	1929
1930	20.0	17.6	17.7	43.7	348	184	125	33.6	21.2	41.2	44.1	26.3	77.4	1930
1931	17.3	13.3	13.0	83.7	226	79.3	48.5	14.8	27.2	51.6	119	69.7	63.9	1931
1932	35.4	28.2	25.1	55.2	298	74.2	66.5	63.5	76.7	78.6	86.6	37.4	77.4	1932
1933	26.3	20.5	16.6	131	363	125	46.1	31.4	46.2	28.0	48.3	25.1	73.5	1933
1934	17.4	14.3	12.6	21.7	375	144	48.1	22.2	78.0	51.0	83.8	67.2	78.2	1934
1935	27.6	17.6	13.9	81.6	306	173	87.4	56.8	39.7	100	53.2	26.8	82.5	1935
1936	20.2	17.0	14.4	31.8	492	183	46.3	11.7	14.3	29.6	32.5	21.0	76.6	1936
1937	16.0	14.6	14.0	82.2	286	78.6	86.2	88.7	39.3	82.6	76.0	43.1	76.2	1937
1938	20.4	16.8	18.4	207	322	246	73.4	87.6	33.4	20.9	32.6	26.7	92.3	1938
1939	23.6	16.5	13.5	42.1	495	161	85.3	52.8	82.8	86.6	54.6	27.4	95.9	1939
1940	20.2	16.4	13.1	36.5	385	214	87.2	29.2	45.3	45.5	55.8	36.6	82.4	1940
1941	24.5	17.3	14.2	167	344	100	45.9	68.5	163	212	119	96.0	115	1941
1942	46.3	25.3	16.2	182	302	74.4	33.0	20.2	106	152	97.6	41.9	91.9	1942
1943	22.9	17.0	14.2	56.9	266	222	94.9	31.5	20.0	16.7	32.7	22.8	68.4	1943
1944	16.1	11.4	10.0	51.3	292	87.9	33.6	40.8	89.9	96.7	49.8	28.2	67.6	1944
1945	13.4	8.81	49.0	197	124	139	80.0	35.4	38.9	49.7	85.7	44.0	72.2	1945
1946	27.3	17.5	48.7	167	275	145	50.0	33.3	26.4	35.2	86.2	61.7	82.1	1946
1947	32.5	17.0	13.9	23.9	431	330	109	55.2	26.0	18.0	14.8	14.4	90.7	1947
1948	13.2	12.0	11.6	120	214	49.6	42.6	78.1	46.4	35.2	82.4	61.4	63.7	1948
1949	27.0	16.8	14.6	115	303	92.2	29.4	20.6	25.6	32.0	32.2	19.5	60.9	1949
1950	13.7	13.1	13.4	25.8	451	271	144	34.4	20.6	40.4	61.0	44.0	95.0	1950
1951	23.5	16.2	19.4	278	287	91.6	61.4	28.2	23.0	77.4	107	65.8	90.1	1951
1952	22.7	16.5	13.1	151	238	160	99.2	43.1	24.3	26.1	48.1	33.5	74.8	1952
1953	22.5	18.6	19.4	76.0	425	148	59.7	25.8	42.9	46.6	41.4	62.7	83.2	1953
1954	22.5	18.3	19.0	130	372	111	82.2	32.8	28.5	136	101	32.2	90.9	1954
1955	15.3	13.5	10.4	186	168	66.3	26.8	5.40	7.84	60.4	59.4	30.5	54.2	1955
1956	15.3	10.1	12.2	32.6	207	173	106	46.5	77.8	42.8	23.8	21.9	72.7	1956
1957	15.9	13.8	17.4	156	257	85.0	90.5	20.1	48.6	42.6	103	49.7	74.7	1957
1958	22.2	17.0	17.0	124	109	126	86.2	40.9	90.5	92.0	112	42.9	73.3	1958
1959	19.9	14.5	16.3	58.4	306	80.1	25.8	29.0	54.8	113	89.7	34.0	70.6	1959
1960	25.7	22.3	19.4	121	546	118	39.8	44.9	26.3	30.5	49.0	33.8	90.3	1960
1961	17.0	12.3	16.7	103	314	174	147	61.2	152	137	87.4	50.9	107	1961
1962	31.9	20.5	19.9	46.1	346	117	29.5	63.8	193	58.0	38.2	34.8	83.5	1962
1963	19.7	14.5	12.4	80.2	211	174	81.5	39.2	36.7	43.3	33.7	37.7	65.7	1963
1964	20.2	18.9	19.1	141	322	155	91.3	65.9	78.1	142	103	51.7	101	1964
1965	30.9	21.1	17.9	52.7	356	97.4	39.0	64.3	83.3	131	61.2	52.0	84.5	1965
1966	33.7	25.1	24.9	117	321	131	45.5	66.1	41.4	192	81.8	64.0	95.9	1966
1967	38.5	28.6	26.9	250	385	133	61.9	49.0	15.7	35.3	35.8	24.3	90.7	1967
1968	15.5	17.5	17.3	289	156	144	181	56.4	78.7	142	81.8	43.5	102	1968
1969	32.7	26.7	22.6	153	325	107	57.9	33.3	38.5	81.4	76.0	34.3	82.7	1969
1970	18.1	11.9	9.99	47.9	236	138	87.9	49.6	41.8	43.1	40.6	35.2	63.7	1970
1971	21.1	15.8	18.5	83.5	336	122	53.4	31.7	29.4	41.9	69.1	48.2	73.0	1971
1972	26.3	17.9	17.0	40.1	318	163	90.6	54.9	53.6	76.7	46.7	27.5	78.1	1972
1973	20.6	18.2	30.1	176	243	101	98.4	93.6	87.3	61.6	50.3	29.5	84.5	1973
1974	19.1	18.4	17.6	44.6	347	143	61.7	44.3	44.2	93.6	70.4	24.3	77.8	1974
1975	18.6	18.8	14.0	57.5	217	124	29.6	6.11	7.79	14.8	40.9	37.5	49.0	1975
1976	22.4	14.6	13.4	255	227	62.3	33.7	20.5	14.6	19.4	12.9	5.51	58.0	1976
1977	6.19	5.40	9.71	195	142	53.3	32.3	11.0	79.5	71.4	78.4	33.4	59.8	1977
1978	18.3	14.2	10.2	17.5	353	163	112	39.0	38.1	103	44.6	28.3	79.3	1978
1979	15.9	13.5	17.4	135	506	208	56.0	30.0	40.2	116	92.5	49.0	107	1979
1980	25.8	17.8	13.1	124	221	107	51.9	18.9	20.3	56.8	36.5	21.1	59.6	1980
1981	13.5	13.6	17.7	178	293	98.6	39.3	7.64	6.24	20.5	32.1	17.0	61.6	1981
1982	12.9	10.9	13.9	54.9	270	48.8	67.0	28.2	53.5	159	131	59.6	76.4	1982
1983	28.9	19.2	23.5	76.2	419	233	79.5	31.8	63.2	81.0	53.7	43.5	96.5	1983
1984	20.5	17.0	14.6	152	160	121	126	34.3	17.9	34.6	61.4	46.7	67.1	1984
1985	26.4	17.3	16.0	131	245	85.6	84.0	42.4	15.5	43.8	49.4	35.4	66.3	1985
1986	19.8	14.1	13.8 R	157 R	183 R	44.4R	25.5R	28.7 R	46.1 R	77.6R	55.6R	31.8 R	58.2 R	1986
1987	21.4	16.8	16.5	130	77.8	52.3	64.9	36.8	10.6	32.9	37.4	26.6	43.7	1987
1988	14.6	10.1	10.5	129	255	67.7	31.0	96.5	47.7	56.9	143	75.6	78.3	1988
1989	32.8	21.5	17.3	44.7	379	141	50.6	30.9	19.2	28.6	82.1	34.0	73.9	1989
1990	20.0	17.6	33.8	179	301	147	106	35.7	57.1	137	109	45.7	99.4	1990
MEAN	22.2	16.8	17.4 R	108 R	294 R	130 R	71.7R	40.7 R	49.7 R	70.4R	66.0R	38.9 R	77.2 R	MEAN

LOCATION - LAT 49 25 04 N LONG 082 26 15 W

DRAINAGE AREA, 6 760 km²

REGULATED

R - REVISED SINCE JAN 01 1989

KAPUSKASING RIVER AT KAPUSKASING - STATION NO. 04LF001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1918	---	---	---	---	1918
1919	---	289 ON MAY 25	14.0 ON AUG 06	2 300 000	1919
1920	---	425 ON MAY 09	9.91 ON SEP 14	1 860 000	1920
1921	---	377 ON APR 27	12.5 B ON JAN 01	1 570 000	1921
1922	---	963 ON MAY 09 *	13.1 ON OCT 03	2 090 000	1922
1923	---	213 ON MAY 05	7.50 ON OCT 14	1 460 000	1923
1924	---	239 ON MAY 27	0.283B ON MAR 03	1 430 000	1924
1925	---	368 ON APR 26	1.02 ON SEP 20	2 020 000	1925
1926	---	266 ON JUL 21	2.18 ON APR 18	2 090 000	1926
1927	---	487 ON APR 21	1.61 ON SEP 17	2 420 000	1927
1928	---	680 ON MAY 11	0.708E ON MAR 11	4 540 000	1928
1929	---	362 ON MAY 30	21.9 B ON MAR 21	2 790 000	1929
1930	---	569 ON MAY 05	9.20 ON SEP 14	2 440 000	1930
1931	---	331 ON MAY 11	0 ON AUG 15 *	2 010 000	1931
1932	---	422 ON MAY 11	2.27 ON SEP 12	2 450 000	1932
1933	---	473 ON MAY 14	0 E ON SEP 16	2 320 000	1933
1934	---	586 ON MAY 11	2.27 ON AUG 25	2 470 000	1934
1935	---	473 ON MAY 10	13.9 E ON MAR 01	2 600 000	1935
1936	---	756 ON MAY 14	2.27 ON AUG 09	2 420 000	1936
1937	---	580 ON MAY 03	14.0 B ON MAR 01	2 400 000	1937
1938	---	580 ON APR 28	3.26 ON MAR 13	2 910 000	1938
1939	---	759 ON MAY 09	0 E ON FEB 05	3 020 000	1939
1940	---	496 ON MAY 17	1.42 ON JAN 07	2 600 000	1940
1941	---	660 ON MAY 05	3.82 ON APR 06	3 620 000	1941
1942	---	501 ON APR 26	0.708 ON AUG 23	2 900 000	1942
1943	---	445 ON MAY 07	0.708 ON MAR 07	2 160 000	1943
1944	---	484 ON MAY 05	1.42 ON FEB 06	2 140 000	1944
1945	---	348 ON APR 13	2.27 ON MAR 11	2 280 000	1945
1946	---	603 ON MAY 26	7.93 ON MAR 03	2 590 000	1946
1947	---	801 ON MAY 19	4.39 ON FEB 02	2 860 000	1947
1948	---	445 ON APR 29	4.30 ON APR 04	2 010 000	1948
1949	---	513 ON MAY 03	4.90 ON FEB 27	1 920 000	1949
1950	---	810 ON MAY 27	9.54 ON JAN 04	3 000 000	1950
1951	---	549 ON MAY 02	14.2 ON FEB 10	2 840 000	1951
1952	---	402 ON APR 24	0.057 ON MAR 08	2 360 000	1952
1953	---	603 ON MAY 09	12.6 ON SEP 09	2 620 000	1953
1954	---	569 ON MAY 02	1.42 ON SEP 16	2 870 000	1954
1955	---	416 ON APR 22	1.05 ON SEP 05	1 710 000	1955
1956	---	490 ON MAY 18	2.27 ON FEB 26	2 300 000	1956
1957	---	620 ON APR 27	3.99 ON AUG 22	2 350 000	1957
1958	---	280 ON APR 22	12.6 ON AUG 07	2 310 000	1958
1959	---	660 ON MAY 07	1.84 ON AUG 13	2 230 000	1959
1960	---	719 ON MAY 17	11.8 ON SEP 03	2 850 000	1960
1961	---	524 ON MAY 16	11.4 B ON FEB 01	3 360 000	1961
1962	---	456 ON MAY 06	17.8 ON MAR 11	2 630 000	1962
1963	---	314 ON JUN 22	0.821B ON MAR 26	2 070 000	1963
1964	---	564 ON MAY 01	15.3 ON APR 02	3 190 000	1964
1965	---	479 ON MAY 17	13.2 ON APR 02	2 660 000	1965
1966	---	479 ON MAY 20	19.3 ON SEP 28	3 020 000	1966
1967	---	524 ON MAY 09	2.97 ON OCT 01	2 860 000	1967
1968	---	558 ON APR 24	7.76 ON JAN 29	3 220 000	1968
1969	---	518 ON MAY 08	0 ON JUN 11	2 610 000	1969
1970	---	445 ON MAY 02	6.88 ON FEB 17	2 010 000	1970
1971	---	405 ON MAY 14	10.6 ON FEB 23	2 300 000	1971
1972	---	428 ON MAY 14	9.51 ON APR 13	2 470 000	1972
1973	---	450 ON MAY 09	13.5 ON FEB 28	2 660 000	1973
1974	---	439 ON MAY 15	6.94 ON APR 16	2 450 000	1974
1975	---	385 ON MAY 02	0 ON AUG 11	1 550 000	1975
1976	---	629 ON APR 23	0 ON NOV 25	1 840 000	1976
1977	---	487 ON APR 22	0.651 ON JAN 19	1 890 000	1977
1978	---	674 ON MAY 15	1.56 ON APR 02	2 500 000	1978
1979	---	813 ON MAY 11	8.24 ON FEB 22	3 380 000	1979
1980	---	571 ON MAY 01	2.72 ON SEP 17	1 890 000	1980
1981	---	558 ON MAY 06	0.623 ON JAN 20	1 940 000	1981
1982	---	537 ON MAY 05	4.62 ON JAN 24	2 410 000	1982
1983	---	494 ON MAY 15	12.9 ON FEB 18	3 040 000	1983
1984	---	307 ON MAY 02	7.39 ON SEP 15	2 120 000	1984
1985	---	548 ON APR 26	6.97 ON MAR 19	2 090 000	1985
1986	---	411R ON APR 29	8.30 ON FEB 23	1 840 000	1986
1987	---	280 ON APR 20	6.00 ON SEP 06	1 380 000	1987
1988	---	424 ON MAY 04	4.00 ON MAR 08	2 480 000	1988
1989	---	456 ON MAY 06	14.0 ON FEB 24	2 330 000	1989
1990	---	659 ON APR 27	9.00 ON MAR 07	3 140 000	1990
				2 440 000	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD
R - REVISED SINCE JAN 01 1989

KASHABOWIE RIVER AT OUTLET OF KASHABOWIE LAKE - STATION NO. 02AB013

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1951	---	---	---	---	---	---	---	---	---	3.97	3.33	3.66	---	1951
1952	2.79	2.98	2.04	2.55	1.35	0.646	4.02	1.79	1.72	0.781	1.15	3.50	2.11	1952
1953	2.53	2.70	1.84	2.93	2.66	12.6	5.23	0.794	2.93	2.47	1.72	1.59	3.32	1953
1954	2.71	3.44	1.81	1.98	14.2	13.8	2.81	0.736	0.736	0.813	0.850	1.40	3.77	1954
1955	1.55	2.25	2.21	2.53	0.939	1.18	1.19	1.06	0.787	1.45	1.77	2.59	1.62	1955
1956	3.09	2.62	1.78	1.86	6.18	6.71	2.39	1.00	0.142	0.425	1.19	2.55	2.50	1956
1957	2.10	1.56	1.39	2.28	3.17	3.93	3.83	0.644	0.283	0.841	2.09	2.80	2.08	1957
1958	2.73	2.30	2.17	1.03	0.800	2.53	2.10	0.703	0.297	0.478	0.875	2.50	1.54	1958
1959	2.71	2.16	1.42	1.01	2.41	3.40	2.20	1.46	2.38	1.50	1.63	2.54	2.07	1959
1960	2.55	1.89	1.35	0.707	1.37	1.36	0.677	0.221	1.81	1.53	2.15	2.41	1.50	1960
1961	2.81	2.43	2.09	1.26	3.76	3.64	2.12	0.737	3.33	1.94	2.09	1.67	2.32	1961
1962	2.38	3.00	2.79	1.04	2.49	4.99	2.98	4.52	1.57	1.23	0.955	1.10	2.42	1962
1963	1.46	1.32	1.04	0.550	1.25	9.26	3.16	1.86	1.24	0.431	0.400	0.085	1.83	1963
1964	0.735	2.41	2.82	1.15	6.14	11.4	9.20	1.61	1.79	2.35	2.48	2.51	3.72	1964
1965	1.34	0.481	0.148	1.56	4.88	9.00	2.86	0.691	2.27	4.35	2.21	1.65	2.79	1965
1966	3.42	2.08	2.60	4.22	7.15	6.27	2.06	1.14	2.00	0.566	0	0.044	2.63	1966
1967	3.69	5.14	2.96	0.953	5.08	2.66	1.19	5.17	0.757	0.554	0.771	1.86	2.56	1967
1968	1.59	2.47	4.34	0.147	12.6	11.7	11.2	3.69	1.83	1.65	2.52	1.70	4.81	1968
1969	1.07	0.695	2.21	2.73	6.26	3.28	2.11	0.069	0.057	0.060	0.112	0.916	1.64	1969
1970	2.89	4.95	4.82	0.249	12.1	15.8	3.76	0.376	0.160	2.22	7.01	4.24	4.88	1970
1971	3.53	3.62	3.39	3.25	9.68	8.72	0.970	1.44	0.772	4.29	12.2	5.26	4.75	1971
1972	3.60	2.37	3.07	2.10	5.47	3.49	3.85	1.73	0.722	0.594	0.542	0.595	2.35	1972
1973	0.756	2.73	3.22	2.97	4.33	1.06	2.54	3.07	3.55	3.33	4.31	3.43	2.94	1973
1974	2.02	1.79	1.39	2.59	9.24	10.4	3.04	0.370	2.43	5.11	3.66	2.88	3.74	1974
1975	2.29	1.34	0.930	1.89	5.20	2.45	1.98	0.877	0.520	0.221	0.229	0.377	1.53	1975
1976	2.29	3.89	2.75	4.18	4.75	1.35	1.96	0.142	0.142	0.142	0.142	0.142	1.82	1976
1977	0.142	2.40	1.33	0.283	0.329	4.50	3.81	0.497	12.3	11.9	5.11	4.09	3.57	1977
1978	1.06	2.00	1.31	1.06	4.29	7.90	1.23	0	0.097	1.84	1.74	0	2.04	1978
1979	2.79	2.48	1.34	1.30	11.4	4.42	3.44	2.81	0	0	1.81	3.04	2.91	1979
1980	3.32	4.17	3.25	1.38	0.832	1.06	0.500	0.500	6.28	6.45	1.55	2.14	2.53	1980
1981	4.83	5.16	3.26	2.90	10.7	6.27	3.18	1.50	2.150	0.150	0.825	5.30	3.69	1981
1982	7.16	7.53	1.24	1.34	10.1	3.52	13.9	2.14	1.50	5.30	6.85	5.94	5.56	1982
1983	4.48	3.22	3.70	1.76	2.82	14.0	12.1	6.31	0.457	1.34	2.35	4.99	4.81	1983
1984	6.93	5.22	3.64	1.29	11.0	8.55	5.01	1.29	1.79	1.74	0.951	4.59	4.34	1984
1985	4.21	6.82	5.42	3.48	4.28	7.60	6.90	2.13	7.63	11.8	6.23	4.96	5.95	1985
1986	3.77	3.46	7.24	4.45	20.4	5.98	4.35	2.64	1.94	1.90	3.04	4.77	5.36	1986
1987	3.73	4.43	2.07	0	0	0	0	2.90	5.21	---	3.29	2.85	---	1987
1988	3.76	2.95	4.08	0.590	0.926	---	1.47	13.6	11.5	2.77	5.47	6.65	---	1988
1989	6.92	6.19	4.09	2.13	---	7.46	5.38	2.58	3.13	2.30	3.44	2.67	---	1989
1990	2.13	3.78	4.81	2.46	9.08	8.00	5.86	2.03	1.00	0.603	4.84	4.02	4.05	1990
MEAN	2.97	3.11	2.65	1.85	5.78	6.05	3.76	1.97	2.21	2.34	2.60	2.80	3.11	MEAN

LOCATION - LAT 48 39 25 N DRAINAGE AREA, 526 km²
LONG 090 25 03 W REGULATED SINCE 1953

REMARKS - DAILY DISCHARGES PRIOR TO 1975 HAVE NOT BEEN PUBLISHED

KASHABOWIE RIVER AT OUTLET OF KASHABOWIE LAKE - STATION NO. 02AB013

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1951	---	---	---	---	1951
1952	---	7.53R ON JUL 09	0.227R ON AUG 29	66 800	1952
1953	---	14.1 R ON JUN 23	0 ON MAR 25 *	105 000	1953
1954	---	18.0 R ON MAY 23	0.708R ON OCT 08	119 000	1954
1955	---	4.13R ON APR 21	0.453 ON MAY 07	51 200	1955
1956	---	11.2 ON JUN 01	0.142R ON AUG 18	78 900	1956
1957	---	8.16R ON JUN 27	0.283R ON AUG 14	65 600	1957
1958	---	3.91R ON JUN 20	0.057R ON APR 11	48 600	1958
1959	---	5.66R ON JUN 14	0 ON APR 16	65 200	1959
1960	---	3.65 ON JAN 01	0.142 ON AUG 01	47 500	1960
1961	---	7.19 ON MAY 28	0 R ON MAY 14	73 200	1961
1962	---	6.54 ON AUG 13	0 ON APR 22	76 300	1962
1963	---	12.7 ON JUN 19	0 ON OCT 16	57 700	1963
1964	---	15.3 R ON JUN 27	0.085 ON JAN 01	118 000	1964
1965	---	14.9 R ON MAY 29	0.085R ON MAR 12	88 100	1965
1966	---	12.3 R ON MAY 27	0 R ON JUN 23	82 900	1966
1967	---	8.33R ON AUG 05	0 ON APR 28	80 700	1967
1968	---	16.8 ON JUN 19	0.142 ON MAR 31	152 000	1968
1969	---	8.38 ON MAY 19	0.057R ON AUG 12	51 700	1969
1970	---	19.8 ON MAY 31	0.085R ON AUG 15	154 000	1970
1971	---	14.7 R ON NOV 08	0.538 ON AUG 28	150 000	1971
1972	---	7.73R ON JUN 21	0.396R ON NOV 03	74 300	1972
1973	---	5.66 ON NOV 10	0.255R ON JUN 15	92 800	1973
1974	---	13.3 ON MAY 25	0.142R ON AUG 26	118 000	1974
1975	---	7.14R ON JUN 30	0.170R ON OCT 15	48 300	1975
1976	---	8.50R ON APR 29	0.142R ON JUL 21	57 400	1976
1977	---	15.2 ON SEP 11	0.142 ON JAN 01	112 000	1977
1978	---	12.6 ON JUN 06	0 ON JUL 30	64 200	1978
1979	---	17.0 ON MAY 20	0 ON JUN 15	91 900	1979
1980	---	12.0 ON SEP 24	0.200E ON MAY 01	79 900	1980
1981	---	17.7 ON MAY 08	0.150E ON SEP 01	116 000	1981
1982	---	18.3 ON JUL 19	0 ON JUN 08	175 000	1982
1983	---	16.1 ON JUL 09	0 ON APR 15	152 000	1983
1984	---	15.3 ON MAY 13	0 ON APR 13	137 000	1984
1985	---	17.6 ON SEP 21	0 ON APR 24	107 000	1985
1986	---	25.7 ON MAY 05 *	0 ON APR 19	169 000	1986
1987	---	7.90 ON AUG 29	0 ON MAR 24	---	1987
1988	---	24.1 ON AUG 25	0 ON APR 07	---	1988
1989	---	---	---	---	1989
1990	---	15.6 ON MAY 12	0 ON APR 21	128 000	1990
	E - ESTIMATED	* - EXTREME RECORDED FOR THE PERIOD OF RECORD R - REVISED SINCE JAN 01 1989		98 200	MEAN

KATABOKOKONK CREEK ABOVE LOCUST HILL - STATION NO. 02HC036

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1974	---	---	---	---	---	---	0.018	0.002	0.002	0.003	0.008	0.008	---	1974
1975	0.023	0.08[illegible]	0.056	0.079	0.020	0.004	0	0	0.001	0.002	0.005	0.008	0.023	1975
1976	0.005	0.12[illegible]	0.196	0.050	0.039	0.009	---	---	---	---	---	---	---	1976
MEAN	0.014	0.10[illegible]	0.126	0.065	0.030	0.007	0.009	0.001	0.002	0.003	0.007	0.008	0.023	MEAN

LOCATION - LAT 43 55 07 N LONG 079 13 34 W DRAINAGE AREA, 3.63 km^2 NATURAL FLOW

KATABOKOKONK CREEK ABOVE LOCUST HILL - STATION NO. 02HC036

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1974	---	---	---	---	1974
1975	5.47 AT 19:21 EST ON FEB 24	1.68 ON FEB 24	0 ON JUN 26 *	734	1975
1976	7.59 AT 16:06 EST ON MAR 20 *	2.05 ON MAR 20 *	0.002 ON JUN 12	---	1976
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		734	MEAN

KAWINOGANS RIVER NEAR PICKLE CROW - STATION NO. 04FA002

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1967	---	---	---	---	---	---	---	---	---	---	5.22	4.19	---	1967
1968	3.84	3.53	3.53	14.8	57.8	54.3	40.5	31.4	24.3	34.9	25.5	11.6	25.6	1968
1969	6.59	4.78	3.92	16.0	34.4	58.0	39.0	28.5	41.0	48.0	23.3	12.6	26.5	1969
1970	7.98	5.80	4.55	5.41	33.3	35.4	34.9	28.2	33.9	25.9	22.5	11.8	20.8	1970
1971	7.84	6.00	5.14	19.5	47.3	22.0	17.3	20.8	6.74	19.1	31.6	14.4	18.2	1971
1972	8.35	5.79	4.56	5.78	40.9	18.1	15.2	17.4	28.4	33.9	18.8	10.3	17.3	1972
1973	6.63	5.03	4.59	10.7	24.4	16.7	26.0	39.3	34.7	22.4	15.1	9.63	18.0	1973
1974	6.71	5.26	4.55	5.64	59.7	81.3	22.8	28.1	39.4	22.5	14.9	10.8	25.2	1974
1975	7.77	5.56	4.44	6.75	45.2	29.1	19.2	36.2	15.9	9.41	11.0	5.94	16.5	1975
1976	5.04	4.54	3.88	16.3	24.4	12.7	6.66	3.11	4.49	4.87	3.61	2.89	7.71	1976
1977	2.27	1.90	1.83	12.6	31.7	25.9	33.3	19.6	27.4	17.2	8.98	6.02	15.6	1977
1978	4.35	3.51	2.82	3.64	37.8	44.6	19.8	25.9	17.6	11.8	10.9	6.07	15.8	1978
1979	4.16	2.83	2.91	11.1	44.6	23.2	25.1	32.0	52.2	31.9	37.3	11.0	23.3	1979
1980	5.19	3.32	2.55	8.95	19.0	7.73	5.59	4.13	17.3	19.4	8.64	4.55	8.87	1980
1981	3.78	3.17	2.91	4.29	22.5	15.9	7.59	3.16	2.41	2.68	3.77	3.47	6.32	1981
1982	3.10	2.90	2.93	4.20	51.9	31.2	13.9	11.2	9.12	15.9	10.7	5.81	13.7	1982
1983	4.59	3.71	3.18	4.60	10.7	10.5	29.2	6.05	4.16	7.04	7.54	6.00	8.15	1983
1984	5.09	4.35	3.71	14.9	24.4	25.9	8.66	5.04	4.03	5.69	6.71	7.01	9.62	1984
1985	5.65	4.10	3.18	20.1	80.8	34.7	30.5	25.8	30.5	35.4	16.1	9.13	24.8	1985
1986	4.99	3.85	3.17	13.8	36.9	10.4	8.55R	5.31R	4.29R	10.1 R	7.50R	5.61R	9.59R	1986
1987	4.32	3.53	3.17	12.7	15.3	14.7	7.43	9.96	9.26	5.62	5.14	4.42	7.97	1987
1988	3.78	3.14	2.57	3.01	10.7	16.0	21.1	10.8	16.5	18.8	11.5	7.56	10.5	1988
1989	6.15	4.67	3.44	3.70	26.8	21.8	15.3	7.90	19.1	10.3	6.88	5.77	11.0	1989
1990	5.20	4.21	3.08	7.05	26.2	37.8	16.7	4.62	3.39	6.38	7.57	5.79	10.7	1990
MEAN	5.36	4.15	3.50	9.88	35.1	28.0	20.2 R	17.6 R	19.4 R	18.2 R	13.4 R	7.60R	15.3 R	MEAN

LOCATION - LAT 51 38 40 N LONG 089 53 30 W DRAINAGE AREA, 1 540 km² REGULATED R - REVISED SINCE JAN 01 1989

KAWINOGANS RIVER NEAR PICKLE CROW - STATION NO. 04FA002

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1967	---	---	---	---	1967
1968	---	95.7 ON MAY 20	3.31B ON FEB 24	809 000	1968
1969	84.1 AT 09:00 EST ON JUN 07	83.8 ON JUN 07	3.65B ON APR 02	835 000	1969
1970	73.3 AT 12:58 EST ON JUL 18	72.2 ON JUL 18	3.09 ON APR 21	657 000	1970
1971	57.5 AT 07:08 EST ON MAY 08	57.2 ON MAY 08	4.79 ON SEP 26	575 000	1971
1972	48.4 AT 19:50 EST ON MAY 21	48.1 ON MAY 21	4.02B ON APR 09	549 000	1972
1973	51.8 AT 06:11 EST ON AUG 12	51.5 ON AUG 12	3.43 ON APR 13	569 000	1973
1974	102 AT 08:50 EST ON MAY 27	102 ON MAY 27	4.16B ON APR 11	794 000	1974
1975	60.0 AT 13:30 EST ON MAY 09	58.9 ON MAY 09	3.94B ON APR 10	519 000	1975
1976	33.4 AT 01:55 EST ON MAY 01	32.6 ON MAY 01	2.17 ON AUG 25	244 000	1976
1977	61.4 AT 14:55 EST ON JUL 21	61.2 ON JUL 21	1.78B ON MAR 16 *	491 000	1977
1978	54.4 AT 12:10 EST ON JUN 13	54.1 ON JUN 13	2.50B ON APR 14	498 000	1978
1979	74.9 AT 15:13 EST ON SEP 08	73.5 ON SEP 08	2.45B ON MAR 17	735 000	1979
1980	26.2 AT 11:35 EST ON MAY 01	26.1 ON APR 30	2.25B ON APR 09	281 000	1980
1981	29.1 AT 07:27 EST ON MAY 08	29.0 ON MAY 08	2.99 ON SEP 25	199 000	1981
1982	70.4 AT 16:47 EST ON MAY 21	69.8 ON MAY 21	2.79B ON MAR 10	431 000	1982
1983	54.3 AT 14:16 EST ON JUL 06	53.7 ON JUL 06	3.02B ON APR 07	257 000	1983
1984	40.0 AT 16:31 EST ON JUN 10	39.2 ON JUN 10	2.96 ON SEP 07	304 000	1984
1985	108 AT 16:21 EST ON MAY 14 *	107 ON MAY 14 *	2.90B ON APR 06	783 000	1985
1986	48.5 AT 11:50 EST ON MAY 13	47.6 ON MAY 13	3.02B ON MAR 26	303 000	1986
1987	27.4 AT 13:53 EST ON JUN 12	27.0 ON JUN 12	3.09B ON MAR 29	241 000	1987
1988	27.1 AT 14:58 EST ON JUL 16	27.0 ON JUL 16	2.45B ON MAR 29	333 000	1988
1989	35.1 AT 21:33 EST ON MAY 27	34.6 ON MAY 28	2.81B ON APR 10	347 000	1989
1990	49.2 AT 15:01 EST ON JUN 10	48.4 ON JUN 10	2.59B ON APR 03	337 000	1990
	B - ICE CONDITIONS	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		483 000	MEAN

KEMPTVILLE CREEK NEAR KEMPTVILLE - STATION NO. 02LA006

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1970	1.39	1.62	3.62	32.5	4.42	0.557	0.277	0.366	0.209	0.777	6.71	4.40	4.70	1970
1971	1.79	2.76	6.61	40.8	5.60	0.358	0.164	0.091	0.052	0.032	0.030	1.84	5.15	1971
1972	1.31	1.17	1.07	34.4	7.59	3.48	4.03	1.50	0.471	2.26	8.42	6.12	5.95	1972
1973	7.63	6.73	25.2	12.6	7.47	3.36	0.487	0.137	0.049	0.292	1.82	5.53	5.93	1973
1974	8.32	5.03	12.4	26.6	9.19	1.43	0.526	0.116	0.055	0.043	0.712	3.68	5.66	1974
1975	5.66	2.15	12.7	21.6	2.22	0.273	0.067	0.037	0.044	1.34	3.86	5.40	4.62	1975
1976	1.93	5.68	25.0	15.7	9.08	2.08	1.82	1.44	0.990	5.42	3.76	1.24	6.02	1976
1977	0.639	0.515	27.6	11.9	1.96	0.397	0.120	0.047	0.038	2.90	5.01	8.06	4.98	1977
1978	9.17	7.03	6.20	35.4	5.44	0.450	0.046	0.030	0.025	0.029	0.119	0.376	5.05	1978
1979	1.24	1.13	22.2	14.7	2.62	0.779	0.122	0.077	0.246	1.58	4.43	8.71	4.85	1979
1980	3.15	0.427	15.8	20.2	5.81	0.397	0.141	0.132	0.147	1.24	5.16	6.75	4.96	1980
1981	1.29	20.2	8.67	4.57	3.95	2.41	1.63	4.22	8.72	8.21	9.81	3.41	6.38	1981
1982	4.06	1.38	8.18	26.8	1.98	2.71	1.03	1.01	1.47	0.523	5.07	9.57	5.25	1982
1983	3.65	3.60	12.5	17.0	10.7	1.19	0.202	0.040	0.014	0.060	5.46	11.2	5.50	1983
1984	2.43	11.3	7.49	24.6	5.09	1.48	0.152	0.088	0.052	0.035	0.051	0.213	4.35	1984
1985	0.507	1.01	17.5	10.7	1.47	0.472	0.427	0.110	0.045	0.463	5.13	3.37	3.44	1985
1986	3.74	2.14	11.9	11.2	5.26	3.85	2.24	9.06	4.39	12.4	6.97	8.05	6.86	1986
1987	3.84	1.64	13.8	12.7	1.72	1.15	0.527	0.066	0.069	0.441	2.94	12.3	4.26	1987
1988	1.47	2.42	7.41	12.9	4.25	0.497	0.265	0.056	0.042	1.01	8.84	2.04	3.54	1988
1989	0.620	0.713	9.40	12.9	9.22	3.47	0.083	0.032	0.200	1.33	6.36	1.91	3.88	1989
1990	3.31	6.90	16.6	17.1	7.52	1.74	0.520	0.197	0.060	1.35	2.85	10.0	5.67	1990
MEAN	3.20	4.09	12.9	20.0	5.22	1.60	0.748	0.922	0.828	1.91	4.45	5.38	5.10	MEAN

LOCATION - LAT 44 59 38 N DRAINAGE AREA 409 km²
LONG 075 39 46 W REGULATED SINCE 1951

KEMPTVILLE CREEK NEAR KEMPTVILLE - STATION NO. 02LA006

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1970	72.2 AT 11:35 EST ON APR 11	69.7 ON APR 11	0.110 ON SEP 24	148 000	1970
1971	78.2 AT 20:35 EST ON APR 16	76.5 ON APR 16	0.019 ON NOV 04	162 000	1971
1972	81.6 AT 16:15 EST ON APR 17 *	80.1 ON APR 18 *	0.062 ON SEP 23	188 000	1972
1973	---	53.5 ON MAR 19	0.040 ON SEP 16	187 000	1973
1974	59.2 AT 20:15 EST ON APR 06	56.9 ON APR 06	0.034 ON OCT 11	178 000	1974
1975	47.6 AT 02:40 EST ON APR 21	47.3 ON APR 21	0.022 ON SEP 09	146 000	1975
1976	74.2 AT 00:45 EST ON MAR 30	72.8 ON MAR 30	0.439 ON AUG 17	190 000	1976
1977	80.1 AT 21:51 EST ON MAR 16	79.3 ON MAR 16	0.024 ON JUL 28	157 000	1977
1978	66.5 AT 18:19 EST ON APR 13	64.8 ON APR 14	0.020 ON SEP 09	159 000	1978
1979	50.3B AT 17:20 EST ON MAR 25	49.5B ON MAR 25	0.053 ON SEP 13	153 000	1979
1980	---	55.6B ON MAR 25	0.071 ON SEP 08	157 000	1980
1981	---	57.5B ON FEB 24	0.302 ON JUL 30	201 000	1981
1982	73.7 AT 05:27 EST ON APR 04	73.0 ON APR 04	0.247 ON AUG 18	166 000	1982
1983	32.4 AT 23:45 EST ON MAR 20	31.3 ON MAR 20	0.007 ON SEP 15 *	173 000	1983
1984	55.8 AT 10:35 EST ON APR 07	55.3 ON APR 07	0.020E ON OCT 02	138 000	1984
1985	33.2 AT 09:30 EST ON MAR 16	31.8 ON MAR 15	0.032 ON SEP 17	109 000	1985
1986	43.2 AT 07:10 EST ON MAR 30	42.5 ON MAR 30	0.792 ON MAY 10	216 000	1986
1987	49.6 AT 20:19 EST ON MAR 27	48.6 ON MAR 27	0.025 ON SEP 07	134 000	1987
1988	40.5 AT 01:34 EST ON MAR 28	39.1 ON MAR 28	0.013 ON SEP 15	112 000	1988
1989	---	35.0 ON MAR 30	0.090 ON SEP 16	122 000	1989
1990	63.0 AT 22:07 EST ON MAR 18	41.7 ON MAR 18	0.032 ON SEP 17	179 000	1990
				161 000	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

KENNY CREEK NEAR BURFORD - STATION NO. 02GB009

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1961	---	---	1.15	1.36	0.653	0.157	0.082	0.097	0.051	0.041	0.081	0.164	---	1961
1962	0.140	0.229	3.27	0.578	0.198	0.239	0.091	0.161	0.123	0.425	1.12	1.06	0.641	1962
1963	0.155	0.144	4.12	1.94	0.479	0.121	0.045	0.032	0.031	0.029	0.051	0.044	0.528	1963
1964	0.170	0.138	2.04	1.74	0.498	0.091	0.057	1.03	0.280	0.093	0.104	0.557	0.569	1964
1965	1.01	3.75	1.91	3.56	0.423	0.077	0.034	0.019	0.031	0.101	0.204	4.68	1.30	1965
1966	0.623	1.37	2.75	1.20	0.608	0.202	0.038	0.049	0.049	0.066	0.417	2.23	0.791	1966
1967	1.33	1.13	3.11	1.92	0.900	0.258	0.476	0.115	0.067	0.286	1.05	3.52	1.35	1967
1968	0.537	4.30	3.40	0.930	0.400	0.362	0.111	0.035	0.076	0.100	0.258	1.35	0.960	1968
1969	2.99	2.36	2.33	2.12	0.899	0.207	0.056	0.036	0.024	0.060	0.469	0.332	0.982	1969
1971	0.330	0.962	4.95	1.78	0.227	0.074	0.041	0.029	0.027	0.035	0.046	0.203	0.726	1971
1972	0.591	0.181	6.60	2.84	0.798	0.253	0.709	1.22	0.112	0.488	1.28	1.44	1.39	1972
1973	2.03	1.15	4.71	1.41	0.660	0.238	0.156	0.095	0.040	0.086	1.26	1.44	1.11	1973
1974	1.94	1.33	2.23	1.93	1.67	0.406	0.250	0.059	0.053	0.066	0.398	0.443	0.896	1974
1975	1.28	1.94	2.90	1.82	0.475	0.632	0.115	0.380	0.819	0.352	0.599	1.18	1.03	1975
1976	0.590	4.37	4.42	1.39	1.49	0.304	0.669	0.339	0.137	0.205	0.339	0.245	1.19	1976
1977	0.089	0.113	4.47	1.44	0.228	0.138	0.172	0.239	1.38	1.17	0.849	3.23	1.44	1977
1978	0.441	0.300	4.14	3.59	0.630	0.143	0.050	0.050	0.361	0.318	0.466	0.734	0.938	1978
1979	1.11	0.604	4.38	4.06	0.716	0.152	0.077	0.499	0.176	0.488	1.59	2.65	1.38	1979
1980	0.765	0.299	3.09	2.79	0.805	0.209	0.310	0.183	0.097	0.328	0.266	0.781	0.830	1980
1981	0.145	3.94	0.843	1.22	0.314	0.308	0.094	1.39	2.51	1.87	0.776	0.639	1.17	1981
1982	0.650	0.175	5.66	3.76	0.823	1.26	0.229	0.248	0.248	0.242	1.98	4.77	1.68	1982
1983	0.847	1.79	1.25	1.06	1.69	0.449	0.854	4.06	0.385	0.432	0.961	2.27	1.41	1983
1984	0.345	5.29	3.12	2.13	0.646	1.46	0.279	0.066	0.208	0.122	0.551	1.59	1.30	1984
1985	1.05	3.94	5.40	2.20	0.215	0.118	0.142	0.111	0.551	1.16	4.14	1.43	1.69	1985
1986	1.29	0.718	3.89	1.19	0.861	0.371	0.221	0.214	0.408	1.66	0.841	1.91	1.14	1986
1987	0.803	0.323	2.56	2.32	0.199	0.148	0.617	0.060	0.051	0.103	0.420	1.75	0.784	1987
1988	0.280	0.539	1.75	1.14	0.511	0.064	0.674	0.775	0.126	0.835	2.06	1.10	0.822	1988
1989	0.933	0.415	1.66	1.44	0.275	0.471	0.082	0.023	0.026	0.086	0.450	0.193	0.504	1989
1990	1.79	2.48	2.90	1.00	1.27	0.362	1.41	0.171	0.132	0.884	1.46	3.77	1.47	1990
MEAN	0.866	1.56	3.27	2.00	0.675	0.320	0.281	0.406	0.296	0.418	0.844	1.58	1.06	MEAN

LOCATION - LAT 43 05 57 N LONG 080 29 19 W DRAINAGE AREA, 91.9 km² NATURAL FLOW

KENNY CREEK NEAR BURFORD - STATION NO. 02GB009

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1961	---	---	---	---	1961
1962	---	15.0 B ON MAR 13	0.011 ON JUL 10	20 200	1962
1963	---	13.6 ON MAR 26	0.020 ON JUL 11	16 600	1963
1964	---	7.73 ON APR 07	0.025 ON JUL 29	18 000	1964
1965	---	29.7 ON DEC 24	0 ON JUL 29 *	41 000	1965
1966	---	12.6 ON DEC 08	0.003 ON JUL 12	25 000	1966
1967	---	21.2 ON APR 03	0.040 ON JUN 27	42 500	1967
1968	---	36.8 ON FEB 02	0.028E ON AUG 14	30 400	1968
1969	---	42.5 B ON JAN 30	0.014 ON JUL 25	31 000	1969
1971	---	16.8 ON MAR 16	0.003 ON JUL 23	22 900	1971
1972	---	20.6 A ON MAR 04	0.068 ON JUL 31	43 800	1972
1973	25.5 AT 23:51 EST ON MAR 11	15.0 ON MAR 17	0.025 ON SEP 15	35 000	1973
1974	32.0 AT 11:19 EST ON APR 04	15.1 ON APR 04	0.037 ON SEP 09	28 300	1974
1975	22.7 A AT 05:05 EST ON FEB 25	14.7 A ON FEB 25	0.051 ON AUG 02	32 600	1975
1976	53.5 AT 22:35 EST ON MAR 05	26.6 ON MAR 06	0.079 ON SEP 09	37 700	1976
1977	36.2 AT 11:33 EST ON MAR 13	23.7 ON MAR 13	0.040 ON JUL 31	35 800	1977
1978	38.8 AT 11:39 EST ON MAR 24	23.4 ON MAR 24	0.020 ON JUL 19	29 600	1978
1979	54.5 AT 10:15 EST ON APR 14	35.0 ON APR 14	0.023 ON JUL 24	43 500	1979
1980	42.5 AT 18:57 EST ON MAR 21	19.6 ON MAR 21	0.058 ON AUG 28	26 200	1980
1981	63.8 AT 23:16 EST ON AUG 30	27.6 ON AUG 31	0.026 ON JUL 27	16 700	1981
1982	41.5 AT 12:40 EST ON MAR 31	30.2 ON APR 01	0.113B ON FEB 13	53 100	1982
1983	31.9 AT 02:20 EST ON AUG 01	25.0 ON AUG 01	0.023 ON JUL 26	44 300	1983
1984	28.9 AT 16:11 EST ON FEB 14	19.8 ON FEB 14	0.015 ON AUG 27	41 100	1984
1985	58.5 AT 01:32 EST ON FEB 25	38.7 ON FEB 25	0.033 ON AUG 06	53 200	1985
1986	26.0 AT 20:06 EST ON MAR 19	15.7 ON MAR 20	0.061 ON SEP 08	36 000	1986
1987	18.0 AT 21:16 EST ON APR 05	14.9 ON MAR 08	0.028 ON AUG 24	24 700	1987
1988	33.7 AT 10:54 EST ON JUL 31	17.4 ON JUL 31	0 ON JUL 05	26 000	1988
1989	6.08 AT 16:16 EST ON MAR 29	5.54 ON MAR 29	0.010 ON AUG 31	15 900	1989
1990	68.8 AT 06:00 EST ON DEC 30 *	42.6 ON DEC 30 *	0.069 ON SEP 04	46 300	1990
				33 500	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX) B - ICE CONDITIONS E - ESTIMATED * - EXTREME RECORDED FOR THE PERIOD OF RECORD

KENOGAMI RIVER AT KENOGAMI DAM - STATION NO. 04JD002

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1939	41.0	31.5	22.7	14.9	216	144	90.4	3.06	2.78	2.12	1.89	1.81	47.9	1939
1940	1.16	3.06	26.7	2.97	49.5	60.8	44.9	13.2	11.7	8.21	19.8	0.397	20.2	1940
1941	0.281	0.237	0.256	0.270	55.3	89.8	2.04	1.73	56.2	149	9.99	0.909	30.7	1941
1942	0.746	0.657	0.581	0.669	35.4	9.44	1.27	0.796	0.680	0.680	21.4	4.36	6.42	1942
1943	0.797	0.619	0.639	0.478	45.3	77.2	31.3	2.75	2.53	1.93	1.77	1.53	13.9	1943
1944	1.07	1.01	0.916	0.884	84.3	41.2	3.94	18.6	1.83	0.543	0.529	0.528	13.0	1944
1945	0.534	0.509	0.540	0.723	6.31	1.60	0.292	0.022	0.015	0.001	0	0	0.885	1945
1946	0	0	0	0.677	32.3	4.25	1.18	0.161	0.116	0.111	0.086	0	3.29	1946
1947	0	0	0	0	51.4	113	24.2	5.07	1.13	0.986	0.915	0.868	16.5	1947
1948	0.915	0.968	0.929	1.06	37.8	1.39	5.60	0.170	0.065	0	0	4.22	6.18	1948
1949	0	0	0	16.6	7.36	2.01	0.196	0	0	0	0.020	0	2.34	1949
1950	0	0	0	0	99.1	142	24.7	1.96	1.10	9.90	3.27	0.801	23.6	1950
1951	0.270	0	0	0.170	109	13.3	8.09	0.110	0.145	0.287	0.126	0	11.2	1951
1952	0	0	0	0	0	13.9	27.6	9.46	0.444	0.317	0.257	0.246	4.38	1952
1953	0.054	0	0	0	115	75.1	7.35	0.217	0.110	0	0	0	16.6	1953
1954	0	0	0	0	191	40.9	0.274	0	0	0	0	0	19.6	1954
1955	0	0	0	0	0.080	0.054	0	0.039	0	0	0	0	0.015	1955
1956	0	0	0	0	1.72	75.8	9.09	0	0	0	0	0	7.13	1956
1957	0	0	0	0	16.9	47.0	11.8	0.286	0	0.088	0.241	0	6.35	1957
1958	0	0	0	0.064	1.54	30.3	30.4	0	0	0	0	0	5.20	1958
1959	0	0	0	0	0	49.7	0	0	0	0	0	0	4.09	1959
1960	0	0	0	0	0	22.8	0	0	0	0	0	0	1.87	1960
1961	0	0	0	0	23.6	2.06	0	0	0	0	0	0	2.10	1961
1962	0	0	0	0	0	19.1	0	0	0	0	0	0	1.57	1962
1963	0	0	0	0	0	67.0	0	0	0	0	0	0	5.51	1963
1964	0	0	0	0	81.2	58.1	0	0	0	25.5	0	0	13.8	1964
1965	0	0	0	0	0	0	0	0	0	0	0	0	0	1965
1966	0	0	0	0	86.3	11.1	0	0	0	0	0	0	8.25	1966
1967	0	0	0	0	71.6	10.6	0	0	0	0	0	0	6.97	1967
1968	0	0	0	0	0	29.3	22.8	0	0	0	0	0	4.34	1968
1969	0	0	0	0	24.6	30.3	0	0	0	0	0	0	4.59	1969
1970	0	0	0	0	5.17	13.4	0	0	0	0	13.6	0	2.65	1970
1971	0	0	0	0	23.3	23.8	0	0	0	0	0	0	3.94	1971
1972	0	0	0	0	3.23	0	0	0	0	0	0	0	0.273	1972
1973	0	0	0	0	32.7	27.0	40.9	0	0	0	0	0	8.47	1973
1974	0	0	0	0	91.6	65.7	30.0	0.009	0	0	0	0	15.7	1974
1975	0	0	0	0	23.1	76.1	12.6	0	0	0	0	0	9.28	1975
1976	0	0	0	21.8	72.8	20.1	1.03	0	0	0	0	0	9.70	1976
1977	0	0	0	0	3.80	0	22.5	0	18.2	0	0	0	3.73	1977
1978	0	0	0	0	0	23.9	0	0	0	0	0	0	1.96	1978
1979	0	0	0	0	0.969	0	0	0	0	0	0	0	0.082	1979
1980	0	0	0	0	7.39	0	0	0	0	0	0	0	0.626	1980
1981	0	0	0	0	0	0	0	0	0	0	0	0	0	1981
1982	0	0	0	0	32.3	0	0	0	0	0	0	0	2.75	1982
1983	0	0	0	0	26.5	0	0	0	0	0	0	0	2.25	1983
1984	0	0	0	0	32.2	32.9	0	0	0	0	0	0	5.42	1984
1985	0	0	0	0	0	0	0	33.0	14.7	27.9	0	0	6.38	1985
1986	0	0	0	0	0	0	0	0	0	0	0	0	0	1986
1987	0	0	0	0	0	0	0	0	0	0	0	0	0	1987
1988	0	0	0	0	0	0	0	0	3.63	8.55	0	0	1.02	1988
1989	0	0	0	0	0	0	0	0	0	0	0	0	0	1989
1990	---	---	---	---	---	10.4	---	---	---	---	---	---	---	1990
MEAN	0.918	0.758	1.04	1.24	35.6	30.3	8.91	1.78	2.26	4.63	1.45	0.307	7.51	MEAN

LOCATION - LAT 49 55 05 N DRAINAGE AREA, 4 270 km²
LONG 086 29 17 W REGULATED SINCE 1939

REMARKS - DISCHARGES WASTED FROM DAM DOWN THE KENOGAMI RIVER

KENOGAMI RIVER AT KENOGAMI DAM - STATION NO. 04JD002

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1939	---	278 ON MAY 20	0.850 ON APR 19	1 510 000	1939
1940	---	144 ON MAY 30	0 ON APR 08 *	641 000	1940
1941	---	250 ON MAY 08	0.198 ON JAN 30	967 000	1941
1942	---	109 ON MAY 28	0.538 ON APR 03	203 000	1942
1943	---	157 ON MAY 12	0.425 ON APR 10	440 000	1943
1944	---	204 ON MAY 09	0.510 ON OCT 13	412 000	1944
1945	---	44.7 ON MAY 29	0 ON JUL 28	27 900	1945
1946	---	123 ON MAY 22	0 ON JAN 01	104 000	1946
1947	---	240 ON JUN 07	0 ON JAN 01	519 000	1947
1948	---	193 ON MAY 07	0 ON SEP 16	195 000	1948
1949	---	57.5 ON APR 14	0 ON JAN 01	73 800	1949
1950	---	311 ON MAY 26	0 ON JAN 01	744 000	1950
1951	---	209 ON MAY 19	0 ON FEB 01	352 000	1951
1952	---	134 ON JUN 06	0 ON JAN 01	139 000	1952
1953	---	215 ON MAY 22	0 ON JAN 20	524 000	1953
1954	---	419 ON MAY 17 *	0 ON JAN 01	619 000	1954
1955	---	0.255 ON AUG 20	0 ON JAN 01	458	1955
1956	---	241 ON JUN 02	0 ON JAN 01	225 000	1956
1957	---	198 ON JUN 25	0 ON JAN 01	200 000	1957
1958	---	218 ON JUN 28	0 ON JAN 01	164 000	1958
1959	---	170 ON JUN 04	0 ON JAN 01	129 000	1959
1960	---	157 ON JUN 02	0 ON JAN 01	59 100	1960
1961	---	185 ON MAY 20	0 ON JAN 01	68 600	1961
1962	---	180 ON JUN 03	0 ON JAN 01	49 400	1962
1963	---	204 ON JUN 07	0 ON JAN 01	174 000	1963
1964	---	360 ON JUN 21	0 ON JAN 01	437 000	1964
1965	---	0 ON JAN 01	0 ON JAN 01	0	1965
1966	---	261 ON MAY 20	0 ON JAN 01	260 000	1966
1967	---	197 ON MAY 12	0 ON JAN 01	220 000	1967
1968	---	165 ON JUN 15	0 ON JAN 01	137 000	1968
1969	---	182 ON MAY 21	0 ON JAN 01	145 000	1969
1970	---	64.8 ON NOV 03	0 ON JAN 01	83 700	1970
1971	---	147 ON MAY 27	0 ON JAN 01	124 000	1971
1972	---	23.7 ON MAY 20	0 ON JAN 01	8 640	1972
1973	---	122 ON MAY 16	0 ON JAN 01	267 000	1973
1974	---	266 ON MAY 23	0 ON JAN 01	496 000	1974
1975	---	294 ON JUN 17	0 ON JAN 01	293 000	1975
1976	---	153 ON JUN 22	0 ON JAN 01	307 000	1976
1977	---	204 ON SEP 10	0 ON JAN 01	118 000	1977
1978	---	90.5 ON JUN 08	0 ON JAN 01	61 900	1978
1979	---	3.87 ON MAY 18	0 ON JAN 01	2 600	1979
1980	---	57.2 ON MAY 17	0 ON JAN 01	19 800	1980
1981	---	0 ON JAN 01	0 ON JAN 01	0	1981
1982	---	243 ON MAY 20	0 ON JAN 01	86 600	1982
1983	---	170 ON MAY 26	0 ON JAN 01	70 900	1983
1984	---	179 ON MAY 12	0 ON JAN 01	171 000	1984
1985	---	123 ON AUG 15	0 ON JAN 01	201 000	1985
1986	---	0 ON JAN 01	0 ON JAN 01	0	1986
1987	---	0 ON JAN 01	0 ON JAN 01	0	1987
1988	---	68.3 ON SEP 30	0 ON JAN 01	32 300	1988
1989	---	0 ON JAN 01	0 ON JAN 01	0	1989
1990	---	---	---	---	1990
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		237 000	MEAN

KENOGAMI RIVER NEAR MANMANATTAWA - STATION NO. 04JG001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1966	---	---	---	---	---	---	---	---	---	---	251	115	---	1966
1967	65.6	61.6	67.5	446	1 720	670	220	244	66.7	221	263	92.9	347	1967
1968	53.7	34.7	37.4	743	663	444	719	530	315	403	279	110	363	1968
1969	95.3	77.7	63.2	323	1 440	732	310	186	160	251	130	85.0	323	1969
1970	55.5	43.7	39.9	69.9	982	513	258	69.4	258	318	306	116	254	1970
1971	89.0	70.1	54.2	183	1 350	545	242	142	291	667	---	---	---	1971
1972	145	82.7	56.5	58.9	1 070	377	278	198	132	333	179	84.2	250	1972
1973	97.0	49.6	63.4	429	928	402	274	277	164	194	108	66.5	287	1973
1974	52.4	46.9	45.0	61.7	1 360	838	400	245	212	548	360	135	361	1974
1975	76.3	53.4	42.7	82.8	955	710	231	98.3	77.6	166	358	117	248	1975
1976	54.4	40.7	38.9	818	820	441	209	115	74.4	80.6	51.2	35.7	231	1976
1977	31.0	29.9	45.8	963	893	305	542	172	431	397	287	108	350	1977
1978	62.9	46.2	36.9	55.0	1 130	1 030	324	126	86.7	182	109	60.0	272	1978
1979	41.4	32.4	35.4	323	1 350	720	247	169	253	362	357	152	339	1979
1980	90.4	61.6	45.6	358	1 270	399	127	106	138	357	209	90.5	272	1980
1981	59.5	56.2	86.0	525	800	487	175	48.8	30.3	47.5	61.5	39.7	202	1981
1982	33.3	30.5	29.0	56.9	1 380	427	531	177	239	501	329	164	328	1982
1983	89.8	67.4	66.0	108	1 570	645	277	102	131	510	261	148	333	1983
1984	79.5	57.9	49.8	680	1 040	754	449	234	101	139	177	146	326	1984
1985	94.7	63.1	48.4	483	964	536	319	485	262	580	392	137	366	1985
1986	73.2	51.5	42.5	603	826	315	227	60.9	50.3	259	173	84.8	232	1986
1987	52.1	40.0	39.2	340	299	232	224	306	196	370	239	147	208	1987
1988	81.4	52.1	43.6	530	1 180	446	196	266	249	275	280	159	309	1988
1989	79.5	56.8	49.3	138	1 550	395	109	88.1	66.9	121	171	83.5	245	1989
1990	51.5	38.8	63.1	479	1 220	714	414	106	158	292	286	123	330	1990
MEAN	69.3	51.9	49.6	369	1 110	544	320	190	173	316	234	109	295	MEAN

LOCATION - LAT 50 26 20 N LONG 084 23 15 W DRAINAGE AREA, 26 200 km^2 REGULATED SINCE 1939

KENOGAMI RIVER NEAR MAMMAMATTAWA - STATION NO. 04JG001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1966	---	---	---	---	1966
1967	---	2 500 ON MAY 21	53.5E ON OCT 07	11 000 000	1967
1968	---	1 600 ON APR 25	24.4B ON MAR 12 *	11 500 000	1968
1969	2 120 AT 15:30 EST ON MAY 08	2 100 ON MAY 08	56.6B ON MAR 30	10 200 000	1969
1970	---	1 730E ON MAY 03	38.2B ON APR 08	8 000 000	1970
1971	---	---	---	---	1971
1972	1 830E ON MAY 16	1 830E ON MAY 16	47.3B ON APR 13	7 910 000	1972
1973	1 480 AT 16:28 EST ON MAY 11	1 460 ON MAY 11	48.1B ON FEB 24	9 040 000	1973
1974	---	2 120E ON MAY 23	44.7B ON MAR 21	11 400 000	1974
1975	1 670 AT 13:00 EST ON MAY 07	1 670 ON MAY 07	38.5 ON SEP 10	7 830 000	1975
1976	---	2 610B ON APR 24 *	32.6B ON DEC 31	7 310 000	1976
1977	2 550 AT 08:25 EST ON APR 25 *	2 540 ON APR 25	29.7B ON FEB 15	11 100 000	1977
1978	---	1 880E ON MAY 17	34.0B ON MAR 24	8 580 000	1978
1979	---	1 810E ON MAY 13	30.0B ON MAR 13	10 700 000	1979
1980	2 350 AT 19:30 EST ON MAY 03	2 350 ON MAY 03	42.0B ON MAR 28	8 610 000	1980
1981	1 420 AT 01:00 EST ON MAY 07	1 410 ON MAY 07	25.0 ON OCT 04	6 360 000	1981
1982	2 530 AT 04:39 EST ON MAY 08	2 520 ON MAY 08	28.3B ON MAR 11	10 300 000	1982
1983	---	2 100B ON MAY 05	58.5B ON APR 07	10 500 000	1983
1984	1 960 AT 14:45 EST ON APR 29	1 930 ON APR 29	44.3B ON MAR 18	10 300 000	1984
1985	---	2 250E ON APR 26	43.0B ON APR 13	11 500 000	1985
1986	1 410 AT 10:58 EST ON MAY 01	1 390 ON APR 30	40.1B ON MAR 15	7 330 000	1986
1987	702 AT 16:30 EST ON APR 22	698 ON APR 22	36.5B ON MAR 15	6 560 000	1987
1988	---	1 770E ON MAY 05	42.0B ON MAR 16	9 760 000	1988
1989	2 040 AT 19:15 EST ON MAY 15	2 020 ON MAY 15	43.9 ON SEP 11	7 720 000	1989
1990	2 280 AT 15:26 EST ON MAY 01	2 270 ON MAY 01	33.8B ON MAR 07	10 400 000	1990
	B - ICE CONDITIONS E - ESTIMATED	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		9 300 000	MEAN

KETTLE CREEK ABOVE ST. THOMAS - STATION NO. 02GC029

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1985	---	---	---	---	---	---	---	---	---	---	4.77	2.04	---	1985
1986	2.18	1.26	6.21	1.67	0.680	0.562	0.219	0.070	0.543	2.19	0.695	3.19	1.63	1986
1987	1.48	0.321	3.85	3.16	0.142	0.176	0.047	0.054	0.041	0.265	1.04	3.21	1.16	1987
1988	0.504	1.94	2.06	1.00	0.252	0.031	0.035	0.059	0.031	0.403	2.41	1.26	0.825	1988
1989	0.687	0.297	1.69	2.07	0.344	0.775	0.191	0.040	0.035	0.090	0.625	0.141	0.581	1989
1990	3.66	5.08	3.14	1.54	1.25	0.436	0.795	2.68	1.23	2.72	2.61	5.97	2.58	1990
MEAN	1.70	1.78	3.39	1.89	0.534	0.396	0.257	0.581	0.376	1.13	2.03	2.63	1.36	MEAN

LOCATION - LAT 42 50 05 N DRAINAGE AREA, 135 km^2
LONG 081 08 05 W NATURAL FLOW

REMARKS - GAUGE OPERATIONAL NOV 01 1985.

KETTLE CREEK ABOVE ST. THOMAS - STATION NO. 02GC029

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1985	---	---	---	---	1985
1986	62.1 AT 00:16 EST ON MAR 11	35.5 ON MAR 11	0.008 ON SEP 06	51 500	1986
1987	43.4 AT 14:59 EST ON DEC 20	21.7 ON APR 05	0.004 ON JUL 31	36 500	1987
1988	22.3 AT 05:38 EST ON DEC 28	14.3 ON DEC 28	0 ON JUL 05 *	26 100	1988
1989	16.0 AT 08:43 EST ON MAR 18	9.94 ON MAR 18	0.017 ON AUG 28	18 300	1989
1990	212 AT 20:24 EST ON AUG 28 *	41.3 ON DEC 30 *	0.049 ON AUG 11	81 500	1990
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		42 800	MEAN

KETTLE CREEK AT ST. THOMAS - STATION NO. 02GC002

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1945	---	---	---	---	---	---	---	---	---	10.1	2.87	---	---	1945
1946	---	---	11.6	0.392	1.89	1.82	0.208	0.104	0.163	0.744	1.59	---	---	1946
1947	---	---	---	21.7	9.81	8.71	0.206	0.224	0.868	0.460	1.41	4.58	---	1947
1948	---	---	---	7.37	---	---	---	---	---	---	---	---	---	1948
1957	---	---	4.62	7.36	---	---	---	---	---	---	---	---	---	1957
1958	---	---	3.13	1.32	---	---	---	---	---	---	---	---	---	1958
1959	---	---	12.3	3.98	---	---	---	---	---	---	---	---	---	1959
1960	---	---	---	12.4	---	---	---	---	---	---	---	---	---	1960
1961	---	---	3.42	10.0	2.70	---	---	---	---	---	---	---	---	1961
1962	---	---	---	1.70	---	---	---	---	---	---	---	---	---	1962
1963	---	---	---	2.01	---	---	---	---	---	---	---	---	---	1963
1964	---	---	6.02	4.61	---	---	---	---	---	---	---	---	---	1964
1965	---	---	---	5.12	---	---	---	---	---	---	---	---	---	1965
1966	---	---	6.64	4.07	---	---	---	---	---	---	---	---	---	1966
1967	---	---	7.84	9.94	3.17	8.16	0.524	0.092	0.070	0.519	2.97	6.63	---	1967
1968	3.59	14.4	8.80	2.10	0.429	5.63	1.16	1.59	1.39	0.929	4.39	3.07	3.91	1968
1969	12.0	2.74	4.02	9.23	6.04	2.80	0.301	0.110	0.085	0.142	2.44	2.69	3.56	1969
1970	1.85	3.37	7.53	5.74	0.743	0.217	0.890	0.086	0.098	0.543	5.38	5.35	2.64	1970
1971	1.26	9.09	10.2	3.12	0.311	0.174	0.092	0.108	0.106	0.118	0.197	0.530	2.06	1971
1972	1.85	0.341	13.9	9.40	2.70	1.03	1.05	2.09	0.352	1.11	5.92	8.76	4.06	1972
1973	4.67	2.51	17.6	3.59	1.79	1.54	0.187	0.193	0.103	0.174	3.17	3.31	3.25	1973
1974	9.74	4.94	8.27	6.38	5.06	1.86	0.948	0.280	0.206	0.204	1.92	2.23	3.50	1974
1975	7.92	7.67	11.2	4.40	1.12	3.35	0.462	3.73	6.61	0.820	1.87	4.86	4.48	1975
1976	3.05	18.9	16.3	4.19	4.21	0.641	1.89	1.21	0.353	1.14	2.12	1.07	4.53	1976
1977	0.452	2.60	23.5	7.11	0.797	0.174	0.221	0.266	4.84	3.97	4.17	16.6	5.43	1977
1978	1.92	1.12	16.7	12.4	1.68	0.425	0.198	0.221	0.334	0.503	1.02	2.51	3.26	1978
1979	3.58	1.69	15.8	14.0	2.22	0.733	0.373	0.280	0.269	0.528	8.26	9.57	4.79	1979
1980	3.27	1.34	10.8	8.39	1.61	1.78	2.42	1.09	0.621	1.91	0.783	3.45	3.13	1980
1981	0.260	12.8	2.48	6.95	1.47	0.742	0.413	1.09	3.43	6.78	2.60	2.05	3.34	1981
1982	3.09	0.428	19.5	8.49	2.64	7.29	0.662	0.244	0.414	0.956	10.8	14.1	5.75	1982
1983	2.24	5.20	2.81	6.91	5.42	1.04	0.819	6.37	2.37	0.970	4.33	11.0	4.12	1983
1984	0.456	12.5	9.42	4.22	2.31	7.36	1.49	0.272	1.66	0.311	2.43	6.43	4.03	1984
1985	3.78	15.0	15.5	6.33	0.431	0.508	0.298	0.614	0.319	1.94	12.0	4.43	5.01	1985
1986	4.95	3.61	14.3	3.67	1.58	1.20	0.396	0.253	1.14	4.74	2.05	8.35	3.88	1986
1987	3.25	0.928	7.69	6.62	0.327	0.317	0.185	0.235	0.232	0.399	2.17	7.13	2.47	1987
1988	1.20	4.48	4.40	1.97	0.571	0.138	0.151	0.166	0.187	1.01	5.44	2.52	1.84	1988
1989	2.56	1.05	4.02	5.21	1.17	2.39	0.842	0.207	0.131	0.285	1.79	0.411	1.67	1989
1990	9.52	11.9	8.05	4.55	3.59	1.40	1.11	4.18	4.46	6.60	6.09	14.8	6.34	1990
MEAN	3.76	6.03	9.95	6.40	2.44	2.36	0.673	0.973	1.19	1.77	3.71	5.86	3.78	MEAN

LOCATION - LAT 42 46 40 N DRAINAGE AREA, 329 km²
LONG 081 12 52 W NATURAL FLOW

KETTLE CREEK AT ST. THOMAS - STATION NO. 02GC002

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1945	---	---	---	---	1945
1946	---	---	---	---	1946
1947	---	---	---	---	1947
1948	---	---	---	---	1948
1957	---	---	---	---	1957
1958	---	---	---	---	1958
1959	---	---	---	---	1959
1960	---	---	---	---	1960
1961	---	---	---	---	1961
1962	---	---	---	---	1962
1963	---	---	---	---	1963
1964	---	---	---	---	1964
1965	---	---	---	---	1965
1966	---	---	---	---	1966
1967	121 AT 04:30 EST ON DEC 22	79.6 ON DEC 22	---	---	1967
1968	275 AT 08:45 EST ON FEB 02 *	225 ON FEB 02 *	0.017 ON JUL 31	124 000	1968
1969	155 AT 18:15 EST ON JAN 30	111 ON JAN 30	0.028 ON AUG 27	112 000	1969
1970	124 AT 20:18 EST ON APR 02	54.7 ON APR 02	0.051 ON AUG 27	83 300	1970
1971	93.7 AT 17:59 EST ON FEB 27	68.5 ON FEB 27	0.065 ON SEP 11	65 100	1971
1972	142 AT 03:52 EST ON APR 17	72.2 ON APR 17	0.122 ON JUN 14	120 000	1972
1973	161 AT 21:36 EST ON MAR 11	69.4 ON MAR 11	0.034 ON SEP 12	103 000	1973
1974	118 AT 12:25 EST ON JAN 27	75.6 ON JAN 27	0.156 ON JUL 27	110 000	1974
1975	114 AT 16:01 EST ON FEB 24	81.0 ON FEB 24	0.266 ON JUL 10	141 000	1975
1976	---	131 E ON MAR 05	0 ON JUL 22 *	143 000	1976
1977	193 AT 09:59 EST ON MAR 13	126 ON MAR 13	0.102 ON JUL 05	171 000	1977
1978	99.1 AT 23:58 EST ON MAR 23	85.0 ON MAR 23	0.093 ON SEP 10	103 000	1978
1979	196 AT 07:52 EST ON APR 14	141 ON APR 14	0.124 ON SEP 26	151 000	1979
1980	164 AT 17:56 EST ON MAR 21	87.6 ON MAR 21	0.203B ON FEB 11	99 100	1980
1981	79.3 AT 19:00 EST ON FEB 23	52.6 ON FEB 23	0.191 ON JUL 27	105 000	1981
1982	109 AT 11:00 EST ON MAR 31	74.5 ON MAR 31	0.071 ON SEP 13	101 000	1982
1983	166 AT 01:57 EST ON AUG 12	76.4 ON AUG 12	0.146 ON SEP 15	130 000	1983
1984	117 AT 07:56 EST ON FEB 14	85.2 ON FEB 14	0.096 ON OCT 30	127 000	1984
1985	170 AT 20:23 EST ON FEB 24	153 ON FEB 24	0.112 ON AUG 20	158 000	1985
1986	137 AT 07:03 EST ON MAR 11	93.4 ON MAR 11	0.086 ON SEP 04	122 000	1986
1987	65.2 AT 21:09 EST ON DEC 20	36.0B ON MAR 02	0.097 ON JUL 24	44 900	1987
1988	---	33.6 ON NOV 21	0.030 ON JUL 09	77 900	1988
1989	30.5 AT 18:02 EST ON MAR 18	18.8 ON MAR 18	0.079 ON SEP 29	58 100	1989
1990	---	104 E ON DEC 30	0.150 ON AUG 10	52 600	1990
				200 000	
	B - ICE CONDITIONS E - ESTIMATED	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		119 000	MEAN

KETTLE RIVER ABOVE KETTLE FALLS - STATION NO. 05PA001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1912	---	---	---	---	---	---	---	---	104	82.1	63.9	51.4	---	1912
1913	45.4	39.7	36.3	53.7	187	---	---	---	---	---	---	---	---	1913
MEAN	45.4	39.7	36.3	53.7	187	---	---	---	104	82.1	63.9	51.4	---	MEAN

LOCATION - LAT 48 29 40 N LONG 092 38 40 W DRAINAGE AREA, 19 300 km² NATURAL FLOW

KETTLE RIVER ABOVE KETTLE FALLS - STATION NO. 05PA001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1912	---	---	---	---	1912
1913	---	---	---	---	1913
				---	MEAN

KWATAGOAHEGAN RIVER NEAR THE MOUTH - STATION NO. 04KA001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1967	---	---	---	---	---	---	---	---	---	23.4	23.0	6.56	---	1967
1969	6.56	5.27	4.65	23.0	203	105	102	39.4	27.1	54.1	16.5	5.99	49.8	1969
1970	2.93	1.97	1.79	5.70	---	74.8	23.0	21.8	43.5	55.1	30.8	13.0	---	1970
1971	5.91	3.39	2.49	---	---	16.6	27.4	34.7	43.4	---	---	---	---	1971
1972	3.46	1.95	1.33	---	---	21.4	23.3	20.9	11.6	58.4	37.8	2.62	---	1972
1973	0.958	0.836	1.29	51.7	117	28.6	39.8	8.28	4.56	15.4	10.6	4.47	23.8	1973
1974	1.99	1.05	0.748	1.64	235	87.7	32.7	48.8	57.1	77.0	26.9	10.5	49.0	1974
1975	4.00	1.99	0.974	5.12	113	32.8	57.2	27.1	13.6	11.0	58.9	6.45	27.9	1975
1976	1.74	0.976	0.813	101	95.6	39.2	---	---	---	---	---	---	---	1976
1977	1.76	1.49	1.44	151	169	22.1	46.0	28.8	45.6	32.7	44.0	11.4	46.5	1977
1978	2.58	1.41	1.06	1.46	236	145	99.7	25.2	27.6	39.7	26.2	5.36	51.4	1978
1979	2.08	0.960	0.468	73.6	125	28.1	8.46	10.9	49.8	62.5	46.6	15.5	35.4	1979
1980	5.53	3.04	2.10	55.6	159	67.5	15.3	8.93	6.20	59.2	23.3	3.44	34.2	1980
1981	1.56	1.55	3.62	32.7	64.5	53.7	13.2	3.17	2.77	7.93	8.54	2.48	16.3	1981
1982	1.27	0.887	0.656	1.81	244	41.2	42.0	14.1	33.9	41.9	32.4	14.9	39.5	1982
1983	5.41	2.65	3.52	2.53	195	50.4	10.1	2.56	3.18	53.7	32.8	14.0	31.7	1983
1984	3.95	1.67	1.40	165	169	97.7	58.0	15.9	10.1	32.7	24.2	16.4	49.6	1984
1985	7.50	3.65	3.03	143	212	50.9	51.5	104	75.2	85.1	34.0	7.85	65.2	1985
1986	3.09	1.86	1.53	147	142	30.3	69.6	10.0	13.6	38.4	16.1	4.54	40.1	1986
1987	1.83	0.798	0.930	44.0	46.5	18.0	12.0	31.1	25.1	26.1	25.6	12.9	20.5	1987
1988	4.46	2.25	1.43	50.6	215	35.1	20.9	13.6	25.3	32.0	53.9	19.5	39.7	1988
1989	4.26	1.15	0.631	3.60	159	41.2	20.1	19.0	25.5	53.4	30.8	12.6	31.3	1989
1990	3.26	1.04	2.30	44.7	189	125	26.3	9.59	25.3	46.4	30.9	10.2	43.1	1990
MEAN	3.46	1.90	1.74	55.2	163	55.1	38.0	23.7	27.1	43.1	30.3	9.56	38.6	MEAN

LOCATION - LAT 51 09 00 N DRAINAGE AREA, 4 250 km²
LONG 080 52 00 W NATURAL FLOW

KWATAGOAHEGAN RIVER NEAR THE MOUTH - STATION NO. 04KA001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1967	---	---	---	---	1967
1969	---	345 E ON MAY 05	3.94 B ON DEC 31	1 570 000	1969
1970	---	---	---	---	1970
1971	---	---	---	---	1971
1972	---	---	---	---	1972
1973	246 AT 09:00 EST ON APR 25	225 ON APR 25	0.821B ON FEB 15	749 000	1973
1974	538 AT 16:00 EST ON MAY 15	535 ON MAY 15	0.728B ON MAR 13	1 550 000	1974
1975	264 AT 17:25 EST ON MAY 04	259 ON MAY 03	0.674B ON APR 07	880 000	1975
1976	476 AT 01:45 EST ON APR 22	459 ON APR 22	---	---	1976
1977	821 AT 01:00 EST ON APR 27	776 ON APR 26	1.37 B ON MAR 08	1 460 000	1977
1978	---	442 E ON MAY 14	0.934B ON APR 06	1 620 000	1978
1979	---	280 B ON APR 24	0.400B ON MAR 18 *	1 120 000	1979
1980	509 AT 20:15 EST ON APR 30	493 ON APR 30	1.95 B ON MAR 20	1 080 000	1980
1981	88.9 AT 21:00 EST ON MAY 08	87.1 ON MAY 08	1.12 B ON FEB 16	515 000	1981
1982	766 AT 09:47 EST ON MAY 06	730 ON MAY 06	0.605B ON MAR 20	1 250 000	1982
1983	---	370 B ON MAY 06	1.63 B ON APR 07	999 000	1983
1984	721 AT 19:30 EST ON APR 26	690 ON APR 26	1.21 B ON APR 09	1 570 000	1984
1985	999 AT 22:00 EST ON APR 26 *	897 ON APR 27 *	2.74 B ON MAR 09	2 050 000	1985
1986	191 AT 22:00 EST ON APR 26	174 ON APR 26	1.48 B ON MAR 24	1 260 000	1986
1987	106 AT 23:55 EST ON APR 30	105 ON APR 30	0.460B ON MAR 18	646 000	1987
1988	507 AT 13:40 EST ON MAY 03	497 ON MAY 03	1.16 B ON MAR 24	1 260 000	1988
1989	---	252 B ON MAY 07	0.530B ON MAR 25	986 000	1989
1990	425 AT 11:11 EST ON MAY 01	412 ON MAY 01	0.770B ON MAR 05	1 360 000	1990
				1 220 000	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

LA VALLEE RIVER AT LA VALLEE - STATION NO. 05PC009

MONTHLY AND ANNUAL MEAN DISCHARGES FOR APR TO OCT IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1952	---	---	---	3.84	0.134	0.756	3.25	0.032	0	0	---	---	1.14	1952
1953	---	---	---	0.342	0.405	1.77	0.327	---	---	---	---	---	---	1953
1954	---	---	---	4.68	2.92	1.13	0.469	0.007	0.237	0.057	0.095	---	1.35	1954
1955	---	---	---	5.27	0.726	2.40	0.941	0.011	0.031	1.03	---	---	1.47	1955
1956	---	---	---	7.61	1.49	0.836	0.031	0	0	0	---	---	1.40	1956
1957	---	---	0.240	4.10	0.309	1.20	2.13	0.003	0.004	0.045	---	---	1.10	1957
1958	---	---	0.175	0.572	0.121	0.647	1.62	0.067	0.168	0.226	---	---	0.489	1958
1959	---	---	0.278	2.57	1.65	0.512	0.371	0.332	1.16	0.684	---	---	1.03	1959
MEAN	---	---	0.231	3.62	0.969	1.16	1.14	0.065	0.229	0.292	0.095	---	1.14	MEAN

LOCATION - LAT 48 37 15 N DRAINAGE AREA, 150 km²
LONG 093 37 30 W NATURAL FLOW

LA VALLEE RIVER AT LA VALLEE - STATION NO. 05PC009

EXTREMES OF DISCHARGE AND TOTAL DISCHARGE FOR APR TO OCT FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1952	---	9.66 ON JUL 04	0 ON MAY 22 *	21 100	1952
1953	---	---	0 ON MAY 05	---	1953
1954	---	14.2 ON APR 13	0B ON APR 01	24 900	1954
1955	---	9.03B ON APR 12	0B ON APR 01	27 200	1955
1956	---	19.2 ON APR 14 *	0 ON JUN 20	26 000	1956
1957	---	15.7 ON APR 20	0 ON AUG 04	20 400	1957
1958	---	4.59 ON JUL 14	0 ON AUG 11	9 040	1958
1959	---	7.67 ON SEP 02	0 ON JUL 30	19 100	1959
	B - ICE CONDITIONS	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		21 100	MEAN

LA VALLEE RIVER NEAR DEVLIN - STATION NO. 05PC016

MONTHLY AND ANNUAL MEAN DISCHARGES FOR MAR TO OCT IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1960	---	---	0	5.83	0.955	2.32	0.183	0.024	0.014	0.222	---	---	1.17	1960
1961	---	---	3.14	4.77	1.31	0.382	0.632	0.067	2.08	1.71	---	---	1.75	1961
1962	---	---	0.138	10.6	9.19	3.43	8.28	0.558	0.547	0.293	---	---	4.08	1962
1963	---	---	1.14	4.53	1.64	4.76	0.981	0.334	0.167	0.033	---	---	1.68	1963
1964	---	---	0	6.68	3.91	7.32	0.595	1.16	4.55	2.14	---	---	3.26	1964
1965	---	---	0	11.1	4.17	6.10	0.506	0.071	2.49	6.05	---	---	3.78	1965
1966	---	---	1.24	20.8	4.64	0.226	2.47	4.90	0.373	0.366	---	---	4.35	1966
1967	---	---	0.206	11.0	4.01	2.82	0.453	0.173	0.104	0.407	---	---	2.37	1967
1968	---	---	2.67	6.08	1.31	10.0	2.79	4.72	8.23	6.37	---	---	4.98	1968
1969	---	---	0	13.1	1.99	1.09	0.191	3.36	0.054	1.66	---	---	2.65	1969
1970	---	---	0	12.5	6.71	2.95	0.052	0	0.108	0.611	---	---	2.84	1970
1971	---	---	0	9.29	2.83	0.600	0.072	0.007	0.083	4.43	---	---	2.15	1971
1972	---	---	0.085	9.85	2.37	0.112	4.19	0.193	0.212	0.455	---	---	2.17	1972
1973	---	---	2.72	1.55	0.991	0.556	0.849	4.37	3.30	4.34	---	---	2.34	1973
1974	---	---	0	11.2	8.95	5.22	0.095	0.204	0.189	0.388	---	---	3.26	1974
1975	---	---	0	14.2	3.87	1.74	0.903	0.121	0.167	0.367	---	---	2.64	1975
1976	---	---	0.353	9.20	0.373	1.34	1.25	0.211	0.001	0.001	---	---	1.57	1976
1977	---	---	1.10	1.49	1.65	1.92	0.269	0.022	5.02	1.85	---	---	1.65	1977
1978	---	---	0.001	12.7	2.11	1.81	2.98	1.01	6.05	0.642	---	---	3.57	1978
1979	---	---	0.264	17.7	3.28	3.82	0	0	0	0.009	---	---	3.08	1979
1980	---	---	0	6.76	1.19	0	0	0.398	4.34	2.80	---	---	1.91	1980
1981	---	---	1.28	2.72	1.44	2.00	0.568	0.001	0.417	1.46	---	---	1.23	1981
1982	---	---	0.005	8.33	4.61	1.70	1.11	0.932	0.757	5.65	---	---	2.88	1982
1983	---	---	0.901	3.61	1.21	4.15	2.26	0.120	1.61	4.00	---	---	2.22	1983
1984	---	---	0.091	6.62	2.20	9.94	0.747	0.024	0.001	1.75	---	---	2.64	1984
1985	---	---	1.82	8.38	7.56	9.91	1.04	1.42	2.42	4.05	---	---	4.55	1985
1986	---	---	1.80	10.7	4.88	0.162	0.182	0	0.313	0.506	---	---	2.30	1986
MEAN	---	---	0.702	8.92	3.31	3.26	1.25	0.830	1.61	1.95	---	---	2.71	MEAN

LOCATION - LAT 48 35 25 N LONG 093 40 22 W DRAINAGE AREA, 274 km^2 NATURAL FLOW

LA VALLEE RIVER NEAR DEVLIN - STATION NO. 05PC016

EXTREMES OF DISCHARGE AND TOTAL DISCHARGE FOR MAR TO OCT FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1960	---	21.3 ON APR 14	0B ON MAR 01 *	24 900	1960
1961	---	19.7B ON MAR 28	0B ON MAR 01	37 100	1961
1962	---	41.9 ON JUL 11	0B ON MAR 01	86 400	1962
1963	---	18.5B ON APR 04	0B ON MAR 01	35 600	1963
1964	---	19.3 ON JUN 11	0B ON MAR 01	69 000	1964
1965	---	30.8B ON APR 14	0B ON MAR 01	80 000	1965
1966	---	38.8 ON APR 14	0B ON MAR 01	92 100	1966
1967	---	26.1 ON APR 22	0B ON MAR 01	50 100	1967
1968	---	40.5 ON JUN 09	0B ON MAR 01	106 000	1968
1969	---	45.3B ON APR 13	0 ON MAR 01	56 200	1969
1970	27.7B AT 10:45 CST ON APR 17	27.6B ON APR 17	0B ON MAR 01	60 100	1970
1971	---	35.7A ON APR 12	0B ON MAR 01	45 500	1971
1972	38.5 AT 02:35 CST ON JUL 21	35.1 ON JUL 21	0B ON MAR 01	45 900	1972
1973	16.4 AT 10:03 CST ON OCT 13	16.2 ON OCT 13	0B ON MAR 01	49 600	1973
1974	32.3 AT 21:00 CST ON APR 17	31.4 ON APR 18	0B ON MAR 01	68 900	1974
1975	---	44.5 ON APR 25	0B ON MAR 01	55 900	1975
1976	23.8B AT 19:30 CST ON APR 07	23.5B ON APR 07	0B ON MAR 01	33 200	1976
1977	14.6 AT 10:10 CST ON SEP 26	14.4 ON SEP 26	0B ON MAR 01	35 000	1977
1978	40.5 AT 11:15 CST ON APR 19	38.5 ON APR 19	0B ON MAR 01	75 600	1978
1979	---	68.8 ON APR 20 *	0B ON MAR 01	65 200	1979
1980	19.7 AT 21:10 CST ON APR 08	17.7B ON APR 08	0B ON MAR 01	40 500	1980
1981	---	11.2B ON APR 02	0B ON MAR 02	26 000	1981
1982	---	35.7B ON APR 19	0B ON MAR 01	60 900	1982
1983	14.1 AT 11:31 CST ON JUN 23	13.7 ON JUN 23	0B ON MAR 01	47 100	1983
1984	50.3 AT 01:20 CST ON JUN 10	49.0 ON JUN 10	0B ON MAR 01	55 800	1984
1985	71.1 AT 13:27 CST ON JUN 26 *	66.4 ON JUN 26	0B ON MAR 01	96 300	1985
1986	39.7 AT 16:52 CST ON APR 29	37.2 ON APR 29	0 ON JUN 14	48 800	1986
	A - MANUAL GAUGE (SEE REFERENCE INDEX) B - ICE CONDITIONS	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		57 300	MEAN

LA VASE RIVER AT NORTH BAY - STATION NO. 02DD013

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1974	---	---	1.23	3.83	1.54	0.591	0.127	0.215	0.536	0.678	2.03	0.377	---	1974
1975	0.279	0.208	0.560	4.03	1.11	0.434	0.084	0.061	0.068	0.334	0.620	1.13	0.742	1975
1976	0.127	0.127	3.32	2.68	2.10	0.182	0.254	0.089	0.113	0.193	0.361	0.220	0.817	1976
1977	0.131	0.115	2.51	3.27	0.277	0.131	0.167	0.383	1.12	0.811	1.06	0.685	0.890	1977
1978	0.262	0.175	0.139	4.19	0.797	0.139	0.160	0.548	1.05	1.20	0.732	0.410	0.815	1978
1979	0.312	0.301	2.61	4.98	1.39	0.394	0.111	0.292	0.725	0.994	1.80	0.966	1.24	1979
1980	0.379	0.113	1.23	4.65	0.817	0.587	0.869	0.578	2.39	2.49	1.28	0.568	1.33	1980
1981	0.196	2.05	1.54	2.86	1.31	0.943	0.250	0.157	1.45	1.63	0.813	0.472	1.13	1981
1982	0.198	0.160	0.546	4.33	0.468	0.262	0.081	0.079	0.456	1.02	1.23	2.48	0.951	1982
1983	0.523	0.213	2.11	2.31	2.84	0.721	0.078	0.086	0.901	1.65	1.08	0.514	1.09	1983
1984	0.254	1.50	0.733	2.47	1.08	1.14	0.852	0.482	0.558	0.652	1.90	1.04	1.05	1984
1985	0.477	0.422	1.34	5.82	0.880	0.259	1.12	0.147	0.113	0.348	0.981	0.583	1.04	1985
1986	0.204	0.178	2.04	3.21	1.25	0.622	0.502	0.424	0.246	0.725	0.680	0.360	0.872	1986
1987	0.221	0.176	2.04	1.81	0.454	0.425	0.097	0.103	0.069	0.256	0.525	0.515	0.559	1987
1988	0.239	0.535	0.837	3.64	0.745	0.082	0.055	1.56	0.581	1.51	1.92	0.438	1.01	1988
1989	0.156	0.196	1.79	2.94	1.48	0.579	0.114	0.028	0.049	0.222	1.15	0.173	0.739	1989
1990	0.520	0.448	2.42	2.05	2.06	0.512	0.251	0.166	0.570	1.67	2.92	0.825	1.20	1990
MEAN	0.280	0.432	1.59	3.47	1.21	0.471	0.304	0.318	0.647	0.964	1.25	0.692	0.967	MEAN

LOCATION - LAT 46 15 44 N DRAINAGE AREA, 70.4 km²
LONG 079 23 43 W NATURAL FLOW

LA VASE RIVER AT NORTH BAY - STATION NO. 02DD013

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1974	13.7 AT 14:11 EST ON APR 14	12.6 ON APR 14	0.079 ON AUG 30	---	1974
1975	17.7 AT 01:51 EST ON APR 20	15.3 ON APR 20	0.028 ON JUL 08	23 400	1975
1976	19.2 AT 02:35 EST ON MAR 28 *	17.6 ON MAR 28	0.057 ON AUG 29	25 800	1976
1977	13.9 AT 05:16 EST ON MAR 31	12.8 ON MAR 31	0.042 ON JUL 19	28 100	1977
1978	11.3 AT 06:01 EST ON APR 19	10.6 ON APR 19	0.042 ON AUG 15	25 700	1978
1979	9.34 AT 03:05 EST ON APR 15	8.85 ON MAR 25	0.031 ON JUL 24	39 100	1979
1980	17.4 AT 23:51 EST ON APR 09	15.4 ON APR 09	0.082 ON JUL 14	41 900	1980
1981	10.9 AT 12:07 EST ON MAR 31	10.0 ON MAR 31	0.056 ON AUG 28	35 600	1981
1982	11.7 AT 13:24 EST ON DEC 26	10.6 ON APR 18	0.057 ON JUL 27	30 000	1982
1983	14.7 AT 23:29 EST ON MAR 19	12.2 ON MAY 08	0.056 ON AUG 13	34 400	1983
1984	7.71 AT 22:17 EST ON APR 06	6.82 ON APR 06	0.118 ON AUG 04	33 200	1984
1985	18.8 AT 02:38 EST ON APR 23	17.9 ON APR 22 *	0.062 ON JUL 04	32 700	1985
1986	18.0 AT 03:38 EST ON MAR 31	16.4 ON MAR 31	0.048 ON SEP 02	27 500	1986
1987	13.3 AT 22:21 EST ON MAR 30	10.4 ON MAR 30	0.027 ON AUG 12	17 600	1987
1988	11.4 AT 05:44 EST ON APR 04	11.0 ON APR 04	0.021 ON JUL 24	31 900	1988
1989	14.5 AT 19:32 EST ON MAR 29	13.1 ON MAR 29	0.011 ON AUG 30	23 300	1989
1990	17.3 AT 05:28 EST ON MAY 19	15.4 ON MAY 19	0.007 ON SEP 09 *	38 000	1990
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		30 500	MEAN

LADY EVELYN RIVER AT LADY EVELYN LAKE - STATION NO. 02JD011

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1946	---	---	---	---	---	---	---	---	---	17.5	10.8	2.67	---	1946
1947	10.9	40.6	38.5	5.40	36.0	92.8	11.9	2.91	14.9	17.6	14.6	18.3	25.9	1947
1948	14.3	20.8	11.1	0.326	0	1.43	3.42	10.8	16.9	20.1	21.5	3.64	10.3	1948
1949	11.5	32.7	48.0	15.6	41.4	29.6	25.4	19.7	16.9	21.6	18.8	9.94	24.2	1949
1950	15.1	18.0	27.5	12.1	7.25	19.0	14.3	14.0	13.7	9.63	7.29	6.28	13.7	1950
1951	27.3	43.5	40.3	20.2	18.9	17.8	24.3	12.5	22.9	45.6	41.5	23.5	28.2	1951
1952	26.6	44.2	43.5	19.2	0	21.1	14.3	10.6	27.8	22.1	16.2	0.572	20.4	1952
1953	32.7	39.6	46.9	26.4	22.3	10.6	22.7	13.5	9.77	17.0	19.3	1.56	21.8	1953
1954	16.1	41.9	54.6	18.7	0.668	40.6	19.1	20.1	25.3	35.4	26.5	27.4	27.0	1954
1955	50.0	51.1	39.4	8.92	0	0.966	3.82	8.35	13.9	5.47	22.2	18.5	18.4	1955
1956	47.1	48.4	29.6	5.25	0	13.9	17.9	15.1	23.6	25.5	17.4	24.0	22.3	1956
1957	41.9	53.1	36.0	11.9	0	1.37	49.9	12.5	17.4	16.7	23.4	24.5	23.9	1957
1958	44.1	45.6	47.3	2.09	0	0	4.87	4.95	14.5	12.9	4.76	21.1	16.6	1958
1959	38.9	42.1	20.3	5.24	0	2.68	16.2	13.7	17.3	24.9	17.4	20.4	18.8	1959
1960	46.7	48.2	33.1	11.6	72.7	26.9	23.3	9.51	18.4	11.2	29.2	20.8	29.3	1960
1961	27.4	39.5	45.7	7.14	0	0.634	13.8	8.43	19.2	20.2	26.3	16.3	18.6	1961
1962	35.4	34.2	43.4	2.91	17.1	8.87	19.9	13.2	7.06	20.7	13.9	11.1	19.0	1962
1963	14.7	18.9	19.8	0.020	0	8.32	9.95	14.0	8.84	12.4	14.7	13.1	11.2	1963
1964	27.7	40.9	37.4	8.67	0.027	14.0	12.2	5.18	10.4	11.6	16.6	14.3	16.5	1964
1965	24.5	33.1	28.3	6.78	0	0.100	9.10	16.7	20.0	26.1	7.85	22.1	16.1	1965
1966	29.2	43.3	37.8	11.7	5.56	39.3	18.7	22.1	35.6	36.5	40.5	61.2	31.7	1966
1967	39.6	54.0	55.3	22.7	43.3	65.5	2.65	14.7	29.1	22.1	2.18	17.2	30.5	1967
1968	30.6	33.3	23.3	0	0	7.24	25.6	25.2	30.9	11.7	13.8	16.6	18.1	1968
1969	30.5	36.1	40.1	11.4	0.009	3.99	31.9	37.5	23.8	8.48	5.11	18.5	20.6	1969
1970	31.8	36.5	28.1	8.20	0.279	27.3	42.3	16.9	16.7	2.55	3.22	7.37	18.3	1970
1971	20.5	24.4	25.0	8.97	0	0	5.17	23.9	39.1	2.98	1.13	2.64	12.7	1971
1972	15.2	48.6	50.9	21.8	0	0	13.4	23.5	16.1	9.23	5.50	19.7	18.6	1972
1973	36.4	39.1	32.1	0	2.28	35.8	15.6	11.0	17.0	16.6	16.8	20.8	20.2	1973
1974	13.3	27.2	42.8	3.79	3.86	34.0	17.8	10.9	17.5	9.60	16.6	22.4	18.2	1974
1975	29.9	39.9	38.1	22.7	0	1.66	11.7	10.4	7.74	4.35	3.63	16.2	15.4	1975
1976	20.5	22.8	36.0	1.12	23.3	14.1	10.2	16.9	8.35	9.29	7.61	18.2	15.7	1976
1977	23.2	27.3	16.9	0.394	8.66	10.8	14.9	14.0	12.8	10.1	14.4	25.9	14.9	1977
1978	43.6	42.3	27.5	17.4	0	0	4.16	6.68	7.54	8.40	16.7	16.3	15.5	1978
1979	20.0	35.7	29.1	10.1	56.1	24.5	17.4	12.5	16.6	16.5	18.4	35.2	24.3	1979
1980	37.2	32.9	14.0	3.52	5.59	11.0	16.9	13.9	13.9	9.00	17.4	26.1	16.7	1980
1981	24.2	28.6	36.8	1.50	15.4	22.5	15.1	15.5	13.8	5.23	5.33	20.8	17.0	1981
1982	29.5	34.9	16.0	3.50	0	0	0	1.04	5.51	13.0	20.2	32.9	12.8	1982
1983	17.0	37.9	0	0	15.7	39.7	2.60	4.69	6.64	13.9	12.8	29.7	16.6	1983
1984	50.3	39.6	7.90	0	0	23.9	20.7	14.6	10.0	10.7	14.6	17.1	17.4	1984
1985	35.6	55.2	18.6	0	29.5	13.3	15.1	14.5	12.0	2.27	2.07	7.06	16.9	1985
1986	44.5	48.8	14.5	0	1.72	19.9	9.34	5.02	0.940	12.3	31.5	29.1	17.9	1986
1987	41.9	49.9	9.34	0	0	0	0	0	0	0	0	23.9	10.2	1987
1988	30.3	25.6	4.84	0	28.1	25.3	10.8	12.7	11.6	15.3	45.9	33.6	20.3	1988
1989	54.6	44.7	0	0	1.83	36.4	14.3	7.80	11.4	7.95	8.91	35.0	18.4	1989
1990	37.3	30.7	0	0	14.8	24.6	19.6	13.8	5.29	7.65	18.3	37.6	17.4	1990
MEAN	31.0	38.1	29.4	7.66	10.7	18.0	15.2	13.1	15.7	14.7	15.8	20.0	19.0	MEAN

LOCATION - LAT 47 27 38 N DRAINAGE AREA, 1 370 km²
LONG 079 59 43 W REGULATED

LADY EVELYN RIVER AT LADY EVELYN LAKE - STATION NO. 02JD011

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1946	---	---	---	---	1946
1947	---	117 ON JUN 18	0 ON APR 09 *	815 000	1947
1948	---	33.1 ON NOV 02	0 ON APR 03	326 000	1948
1949	---	80.4 ON JUN 23	0 ON JAN 01	764 000	1949
1950	---	38.5 ON JUN 16	0 ON APR 21	433 000	1950
1951	---	67.4 ON OCT 09	0 ON APR 13	889 000	1951
1952	---	54.9 ON SEP 09	0 ON APR 23	645 000	1952
1953	---	64.0 ON APR 07	0 ON MAY 01	607 000	1953
1954	---	89.2 ON OCT 19	0 ON APR 15	853 000	1954
1955	---	76.5 ON MAR 05	0 ON APR 19	579 000	1955
1956	---	59.5 ON JAN 20	0 ON APR 13	704 000	1956
1957	---	115 ON JUL 06	0 ON APR 23	755 000	1957
1958	---	69.4 ON MAR 11	0 ON APR 04	523 000	1958
1959	---	51.3 ON FEB 06	0 ON APR 18	594 000	1959
1960	---	151 ON MAY 15 *	0 ON APR 21	926 000	1960
1961	---	59.5 ON MAR 11	0 ON APR 19	587 000	1961
1962	---	58.0 ON MAR 16	0 ON APR 05	598 000	1962
1963	---	30.9 ON MAR 01	0 ON MAR 30	353 000	1963
1964	---	59.7 ON MAR 12	0 ON APR 17	522 000	1964
1965	---	84.1 ON SEP 24	0 ON APR 16	510 000	1965
1966	---	95.1 ON DEC 06	0 ON APR 23	1 000 000	1966
1967	---	121 ON JUN 21	0 ON APR 26	962 000	1967
1968	---	44.2 ON SEP 05	0 ON MAR 29	574 000	1968
1969	---	64.8 ON JUL 30	0 ON APR 12	650 000	1969
1970	---	53.8 ON JUN 26	0 ON APR 17	578 000	1970
1971	---	70.2 ON AUG 26	0 ON APR 21	400 000	1971
1972	---	67.7 ON MAR 03	0 ON APR 28	589 000	1972
1973	---	60.0 ON JUN 20	0 ON MAR 31	636 000	1973
1974	---	58.3 ON MAR 02	0 ON APR 05	575 000	1974
1975	---	56.6 ON MAR 19	0 ON APR 19	485 000	1975
1976	---	68.0 ON MAY 22	0 ON APR 03	498 000	1976
1977	---	34.0 ON DEC 31	0 ON MAR 19	470 000	1977
1978	---	50.7 ON JAN 12	0 ON APR 26	488 000	1978
1979	---	88.6 ON MAY 01	0 ON APR 12	767 000	1979
1980	---	40.8 ON JAN 11	0 ON APR 11	530 000	1980
1981	---	44.5 ON MAR 21	0 ON APR 03	537 000	1981
1982	---	44.2 ON MAR 03	0 ON APR 14	405 000	1982
1983	---	118 ON JUN 01	0 ON MAR 01	522 000	1983
1984	---	56.6 ON JAN 07	0 ON MAR 29	550 000	1984
1985	---	63.2 ON FEB 06	0 ON MAR 15	532 000	1985
1986	---	66.8 ON JAN 31	0 ON MAR 13	565 000	1986
1987	---	67.1 ON FEB 05	0 ON MAR 25	322 000	1987
1988	---	65.4 ON MAY 15	0 ON MAR 09	642 000	1988
1989	---	69.0 ON FEB 04	0 ON FEB 23	580 000	1989
1990	---	62.3 ON MAY 26	0 ON JAN 11	549 000	1990
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		602 000	MEAN

LAKE 114 INFLOW NEAR KENORA - STATION NO. 05PD032

MONTHLY AND ANNUAL MEAN DISCHARGES FOR APR TO OCT IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1986	---	---	---	0.001	0	0	0	0	0	0	---	---	0	1986
1987	---	---	---	0	0	0	0	0	0	0	---	---	0	1987
1988	---	---	---	0.001	0	0	0.001	0	0	0	---	---	0	1988
1989	---	---	---	0.002	0	0.001	0	0	0	0	---	---	0	1989
1990	---	---	---	0	0	0.001	0	0	0	0	---	---	0	1990
MEAN	---	---	---	0.001	0	0	0	0	0	0	---	---	0	MEAN

LOCATION - LAT 49 40 30 N, LONG 093 45 05 W
DRAINAGE AREA, 0.06 km^2
NATURAL FLOW

DATA CONTRIBUTED BY - DEPARTMENT OF FISHERIES AND OCEANS (CANADA)

LAKE 114 INFLOW NEAR KENORA - STATION NO. 05PD032

EXTREMES OF DISCHARGE AND TOTAL DISCHARGE FOR APR TO OCT FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1986	---	0.009 ON APR 28	0 ON APR 09 *	5.10	1986
1987	0.008 ON MAY 21	0.003 ON MAY 21	0 ON APR 01	1.38	1987
1988	0.055 ON JUL 07 *	0.018 ON JUL 07 *	0 ON APR 01	5.70	1988
1989	0.016 ON APR 22	0.009 ON APR 22	0 ON APR 01	7.34	1989
1990	0.017 ON JUN 21	0.005 ON JUN 17	0 ON APR 03	2.94	1990
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		4.49	MEAN

LAKE 114 OUTLET NEAR KENORA - STATION NO. 05PD014

MONTHLY AND ANNUAL MEAN DISCHARGES FOR APR TO OCT IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1971	---	---	---	0.020	0.005	0.002	0.007	0.001	0.001	0.016	---	---	0.008	1971
1972	---	---	---	0.008	0.006	0.004	0.006	0.010	0.006	0.005	---	---	0.007	1972
1973	---	---	---	0.011	0.004	0.002	0.005	0.005	0.011	0.010	---	---	0.007	1973
1975	---	---	---	0.017	0.009	0.011	0.003	0	0.001	0.001	---	---	0.006	1975
1976	---	---	---	0.017	0.001	0	0	0	0	0	---	---	0.003	1976
1977	---	---	---	0	0.007	0.013	0	0.001	0.007	0.003	---	---	0.004	1977
1978	---	---	---	0.020	0.013	0.007	0.001	0.002	0.004	0.002	---	---	0.007	1978
1979	---	---	---	0.020	0.011	0.002	0	0	0	0	---	---	0.005	1979
1980	---	---	---	0.013	0	0	0	0	0	0	---	---	0.002	1980
1981	---	---	---	0.002	0.001	0	0	0	0	0.008	---	---	0.002	1981
1982	---	---	---	0.018	0.006	0.003	0.008	0	0	0.006	---	---	0.006	1982
1983	---	---	---	0.010	0.003	0.004	0.001	0	0	0	---	---	0.003	1983
1984	---	---	---	0.007	0	0.001	0	0	0	0.003	---	---	0.002	1984
1986	---	---	---	0.016	0.010	0	0	0	0	0	---	---	0.004	1986
1987	---	---	0.006	0.004	0	0	0	0	0	0	---	---	0.001	1987
1988	---	---	---	0.005	0.001	0	0.004	0	0	0	---	---	0.001	1988
1989	---	---	---	0.014	0.006	0.004	0.001	0	0	0	---	---	0.004	1989
1990	---	---	---	0	0.002	0.007	0.002	0	0	0	---	---	0.002	1990
MEAN	---	---	0.006	0.011	0.005	0.003	0.002	0.001	0.002	0.003	---	---	0.004	MEAN

LOCATION - LAT 49 40 10 N
LONG 093 45 45 W
DRAINAGE AREA, 0.58 km²
NATURAL FLOW

DATA CONTRIBUTED BY -
DEPARTMENT OF FISHERIES AND OCEANS (CANADA)

LAKE 114 OUTLET NEAR KENORA - STATION NO. 05PD014

EXTREMES OF DISCHARGE AND TOTAL DISCHARGE FOR APR TO OCT FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1971	0.085 AT 14:26 CST ON APR 19	0.071 ON APR 17	0E ON APR 01 *	139	1971
1972	0.088 AT 10:50 CST ON AUG 21	0.057 ON AUG 22	0E ON APR 01	122	1972
1973	0.040 AT 22:32 CST ON APR 21	0.037 ON APR 21	0E ON APR 01	128	1973
1975	0.062 AT 03:13 CST ON JUN 23	0.057 ON JUN 23	0E ON APR 01	108	1975
1976	0.136 AT 18:34 CST ON APR 16 *	0.045 ON APR 17	0 ON MAY 11	47.3	1976
1977	---	0.040E ON JUN 19	0E ON APR 01	80.3	1977
1978	0.068 AT 01:33 CST ON APR 27	0.065 ON APR 27	0 ON AUG 12	129	1978
1979	---	0.084E ON APR 21	0 ON APR 01	88.2	1979
1980	0.058 AT 12:20 CST ON APR 23	0.031 ON APR 10	0 ON APR 01	35.8	1980
1981	0.023 AT 16:59 CST ON OCT 02	0.023 ON OCT 05	0 ON APR 01	29.8	1981
1982	0.109 AT 00:00 CST ON APR 17	0.090 ON APR 17 *	0 ON JUN 26	110	1982
1983	0.026 AT 09:29 CST ON JUN 16	0.024 ON JUN 16	0 ON JUN 01	49.2	1983
1984	0.020 AT 16:33 CST ON APR 09	0.019 ON APR 07	0 ON APR 01	28.9	1984
1986	---	0.045 ON APR 29	0 ON MAY 26	67.4	1986
1987	0.029 ON APR 28	0.010 ON APR 01	0 ON APR 18	12.7	1987
1988	0.030 ON JUL 08	0.028 ON JUL 08	0E ON APR 01	25.9	1988
1989	0.051 ON APR 26	0.049 ON APR 26	0E ON APR 01	64.7	1989
1990	0.034 ON JUN 22	0.033 ON JUN 22	0E ON APR 01	27.9	1990
	E - ESTIMATED	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		71.9	MEAN

LAKE 120 OUTLET NEAR KENORA - STATION NO. 05PD016

MONTHLY AND ANNUAL MEAN DISCHARGES FOR APR TO OCT IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1973	---	---	---	0.010	0.006	0.004	0.006	0.007	0.013	0.012	---	---	0.008	1973
MEAN	---	---	---	0.010	0.006	0.004	0.006	0.007	0.013	0.012	---	---	0.008	MEAN

LOCATION - LAT 49 39 25 N
LONG 093 50 20 W
DRAINAGE AREA, 0.7 km²
NATURAL FLOW

LAKE 120 OUTLET NEAR KENORA - STATION NO. 05PD016

EXTREMES OF DISCHARGE AND TOTAL DISCHARGE FOR APR TO OCT FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1973	0.057 AT 19:35 CST ON OCT 12 *	0.051 ON SEP 05 *	0 ON JUN 03 *	155	1973
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		155	MEAN

LAKE 223 OUTLET NEAR KENORA - STATION NO. 05QD017

MONTHLY AND ANNUAL MEAN DISCHARGES FOR APR TO OCT IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1975	---	---	---	---	---	---	---	---	0.003	0.001	---	---	---	1975
1976	---	---	---	0.049	0.016	0.005	0.010	0.003	0.001	0	---	---	0.012	1976
1977	---	---	---	0.003	0.012	0.047	0.028	0.007	0.006	0.004	---	---	0.015	1977
1978	---	---	---	0.040	0.081	0.038	0.023	0.011	0.006	0.004	---	---	0.029	1978
1979	---	---	---	0.037	0.064	0.021	0.010	0.005	0.002	0.001	---	---	0.020	1979
1980	---	---	---	0.014	0.011	0.004	0.002	0.002	0.001	0.001	---	---	0.005	1980
1981	---	---	---	0.002	0.004	0.019	0.027	0.008	0.002	0.003	---	---	0.009	1981
1982	---	---	---	0.031	0.046	0.022	0.042	0.013	0.003	0.013	---	---	0.024	1982
1983	---	---	---	0.012	0.020	0.024	0.011	0.002	0	0	---	---	0.010	1983
1984	---	---	---	0.004	0.012	0.021	0.008	0	0	0.002	---	---	0.007	1984
1986	---	---	---	0.038	0.057	0.005	0.004	0.003	0.006	0.003	---	---	0.017	1986
1987	---	---	0.008	0.023	0.011	0.012	0	0.004	0	0	---	---	0.007	1987
1988	---	---	---	0.012	0.009	0.002	0.020	0.001	0	0	---	---	0.006	1988
1989	---	---	---	0.023	0.039	0.035	0.022	0.005	0	0	---	---	0.018	1989
1990	---	---	---	0.003	0.007	0.016	0.007	0	0	0	---	---	0.005	1990
MEAN	---	---	0.008	0.021	0.028	0.019	0.015	0.005	0.002	0.002	---	---	0.013	MEAN

LOCATION - LAT 49 41 56 N
LONG 093 42 50 W
DRAINAGE AREA, 2.6 km²
NATURAL FLOW

DATA CONTRIBUTED BY -
DEPARTMENT OF FISHERIES AND OCEANS (CANADA)

LAKE 223 OUTLET NEAR KENORA - STATION NO. 05QD017

EXTREMES OF DISCHARGE AND TOTAL DISCHARGE FOR APR TO OCT FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1975	---	---	---	---	1975
1976	0.122 AT 20:05 CST ON APR 17	0.119 ON APR 17	0 ON OCT 01 *	222	1976
1977	0.150 AT 04:02 CST ON JUN 19	0.144 ON JUN 19	0 ON APR 01	262	1977
1978	0.198 AT 23:32 CST ON APR 28 *	0.190 ON APR 29 *	0.002E ON OCT 29	535	1978
1979	0.155 AT 23:07 CST ON APR 25	0.149 ON APR 26	0.001 ON SEP 10	370	1979
1980	0.035 AT 16:35 CST ON APR 25	0.034 ON APR 25	0.001 ON AUG 29	95.2	1980
1981	0.110 AT 13:10 CST ON JUL 03	0.105 ON JUL 03	0.001 ON APR 11	168	1981
1982	0.124 AT 21:36 CST ON MAY 20	0.108 ON MAY 21	0.001 ON SEP 20	448	1982
1983	---	0.045E ON JUN 16	0 ON AUG 28	181	1983
1984	0.032 AT 15:21 CST ON JUN 23	0.029 ON JUN 23	0 ON JUL 27	124	1984
1986	---	0.135 ON MAY 01	0.001E ON AUG 26	308	1986
1987	0.038 ON APR 12	0.038 ON APR 12	0 ON JUL 08	133	1987
1988	0.067 ON JUL 07	0.062 ON JUL 08	0 ON JUN 07	119	1988
1989	0.087 ON APR 28	0.085 ON APR 27	0 E ON APR 01	331	1989
1990	0.112 ON JUL 31	0.050 ON JUN 22	0 E ON APR 01	89.9	1990
	E - ESTIMATED	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		243	MEAN

LAKE 224 OUTLET NEAR KENORA - STATION NO. 05QD018

MONTHLY AND ANNUAL MEAN DISCHARGES FOR APR TO OCT IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1975	---	---	---	---	---	---	---	---	0.002	0.002	---	---	---	1975
1976	---	---	---	0.007	0.002	0	0	0	0	0	---	---	0.001	1976
1977	---	---	---	0.001	0.005	0.005	0.007	0.002	0.004	0.002	---	---	0.004	1977
1978	---	---	---	0.015	0.026	0.013	0.009	0.007	0.005	0.002	---	---	0.011	1978
1979	---	---	---	0.007	0.020	0.008	0.007	0.002	0.001	0.001	---	---	0.006	1979
1980	---	---	---	0.004	0.003	0	0	0	0	0	---	---	0.001	1980
1981	---	---	---	0	0	0	0.001	0	0	0	---	---	0	1981
1982	---	---	---	0.005	0.006	0.007	0.014	0.008	0.001	0.005	---	---	0.007	1982
1983	---	---	---	0.005	0.005	0.005	0.006	0.001	0	0	---	---	0.003	1983
1984	---	---	---	0	0	0.001	0	0	0	0	---	---	0	1984
1986	---	---	---	0.005	0.015	0.003	---	---	---	0	---	---	---	1986
1987	---	---	0	0.003	0.002	0.004	0.001	0.001	0	0	---	---	0.002	1987
1988	---	---	---	0	0	0	0.002	0	0	0	---	---	0	1988
1989	---	---	---	0	0.005	0.011	0.011	0.003	0	0	---	---	0.004	1989
1990	---	---	---	0	0	0.001	0.001	0	0	0	---	---	0	1990
MEAN	---	---	0	0.004	0.006	0.004	0.005	0.002	0.001	0.001	---	---	0.003	MEAN

LOCATION - LAT 49 41 33 N
LONG 093 42 40 W
DRAINAGE AREA, 0.97 km²
NATURAL FLOW

DATA CONTRIBUTED BY -
DEPARTMENT OF FISHERIES AND OCEANS (CANADA)

LAKE 224 OUTLET NEAR KENORA - STATION NO. 05QD018

EXTREMES OF DISCHARGE AND TOTAL DISCHARGE FOR APR TO OCT FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1975	---	---	---	---	1975
1976	0.015 AT 14:14 CST ON APR 16	0.015 ON APR 20	0 ON MAY 20 *	25.7	1976
1977	0.037 AT 21:20 CST ON MAY 19 *	0.017 ON MAY 22	0 ON APR 01	68.2	1977
1978	---	0.074E ON APR 28 *	0E ON APR 01	201	1978
1979	0.027 AT 00:41 CST ON MAY 11	0.027 ON MAY 02	0 ON APR 01	118	1979
1980	0.008 AT 17:29 CST ON APR 21	0.008 ON APR 21	0 ON APR 01	18.7	1980
1981	0.006 AT 22:55 CST ON JUL 02	0.003 ON JUL 03	0 ON APR 01	5.01	1981
1982	0.023 AT 01:33 CST ON JUL 03	0.017 ON JUL 15	0 ON SEP 21	123	1982
1983	0.011 AT 02:29 CST ON JUL 04	0.011 ON JUL 04	0E ON AUG 15	56.2	1983
1984	0.003 AT 01:40 CST ON JUN 27	0.003 ON JUN 22	0E ON APR 01	4.92	1984
1986	---	---	---	---	1986
1987	0.012 ON JUN 11	0.007 ON JUN 11	0 ON JUL 18	28.6	1987
1988	0.013 ON JUL 07	0.004 ON JUL 07	0 ON APR 01	4.92	1988
1989	0.025 ON JUL 05	0.016 ON JUL 05	0E ON APR 01	79.1	1989
1990	0.007 ON JUL 08	0.003 ON JUN 21	0E ON APR 01	3.80	1990
	E - ESTIMATED	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		56.7	MEAN

LAKE 225 OUTLET NEAR KENORA - STATION NO. 05QD019

MONTHLY AND ANNUAL MEAN DISCHARGES FOR APR TO OCT IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1975	---	---	---	---	---	---	---	---	0	0.001	---	---	---	1975
1976	---	---	---	0.006	0.002	0	0	0	0	0	---	---	0.001	1976
1977	---	---	---	0	0	0.004	0.002	0.001	0	0	---	---	0.001	1977
1978	---	---	---	0.005	0.008	0.003	0.001	0	0.001	0.001	---	---	0.003	1978
1979	---	---	---	0.007	0.006	0.001	0	0	0	0	---	---	0.002	1979
1980	---	---	---	0.002	0.001	0	0	0	0	0	---	---	0	1980
1981	---	---	---	0	0	0.001	0.003	0	0	0.002	---	---	0.001	1981
1982	---	---	---	0.004	0.004	0.001	0.005	0	0	0.003	---	---	0.002	1982
1983	---	---	---	0.001	0.001	0.002	0.001	0	0	0	---	---	0.001	1983
1984	---	---	---	0	0.001	0.001	0	0	0	0	---	---	0	1984
1986	---	---	---	0.006	0.005	0	0	0	0	0	---	---	0.002	1986
1987	---	---	---	0.002	0	0	0	0	0	0	---	---	0	1987
1988	---	---	---	0	0	0	0.001	0	0	0	---	---	0	1988
1989	---	---	---	0.003	0.004	0.003	0.001	0	0	0	---	---	0.002	1989
1990	---	---	---	0	0	0	0	0	0	0	---	---	0	1990
MEAN	---	---	---	0.003	0.002	0.001	0.001	0	0	0	---	---	0.001	MEAN

LOCATION - LAT 49 41 15 N, LONG 093 42 50 W
DRAINAGE AREA, 0.3 km²
NATURAL FLOW
DATA CONTRIBUTED BY - DEPARTMENT OF FISHERIES AND OCEANS (CANADA)

LAKE 225 OUTLET NEAR KENORA - STATION NO. 05QD019

EXTREMES OF DISCHARGE AND TOTAL DISCHARGE FOR APR TO OCT FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1975	---	---	---	---	1975
1976	0.011 AT 11:51 CST ON APR 17	0.010 ON APR 16	0E ON APR 01 *	20.8	1976
1977	0.010 AT 00:42 CST ON JUN 21	0.010 ON JUN 20	0 ON APR 01	20.0	1977
1978	0.028 AT 01:37 CST ON APR 29	0.028 ON APR 29	0 ON APR 01	46.6	1978
1979	0.032 AT 19:41 CST ON APR 25 *	0.030 ON APR 25 *	0 ON APR 01	34.4	1979
1980	0.007 AT 09:26 CST ON APR 22	0.007 ON APR 22	0 ON APR 01	7.69	1980
1981	0.011 AT 01:27 CST ON JUL 05	0.010 ON JUL 04	0 ON APR 01	15.2	1981
1982	0.016 AT 21:56 CST ON JUL 04	0.015 ON JUL 04	0 ON APR 01	45.1	1982
1983	0.012 AT 00:43 CST ON APR 21	0.007 ON JUN 17	0 ON APR 01	11.1	1983
1984	0.003 AT 03:17 CST ON JUN 13	0.003 ON APR 29	0E ON APR 01	7.43	1984
1986	---	0.024 ON APR 30	0 ON APR 01	29.5	1986
1987	0.004 ON APR 15	0.003 ON APR 08	0 ON APR 26	6.31	1987
1988	0.014 ON JUL 08	0.011 ON JUL 08	0 ON APR 01	3.72	1988
1989	0.019 ON JUN 13	0.017 ON APR 27	0E ON APR 01	27.7	1989
1990	0.002 ON JUL 08	0.002E ON JUN 17	0E ON APR 01	1.30	1990
	E - ESTIMATED	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		19.8	MEAN

LAKE 226 OUTLET NEAR KENORA - STATION NO. 05QD015

MONTHLY AND ANNUAL MEAN DISCHARGES FOR APR TO OCT IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1972	---	---	---	0.015	0.012	0.004	0.010	0.018	0.008	0.005	---	---	0.010	1972
1973	---	---	---	0.017	0.008	0.004	0.010	0.012	0.019	0.016	---	---	0.012	1973
1975	---	---	---	0.026	0.019	0.017	0.005	0	0.005	0.003	---	---	0.011	1975
1976	---	---	---	0.013	0.005	0.002	0.001	0	0	0	---	---	0.006	1976
1977	---	---	---	0.007	0.011	0.028	0.011	0.003	0.010	0.003	---	---	0.010	1977
1978	---	---	---	0.024	0.023	0.013	0.004	0.002	0.001	0.001	---	---	0.010	1978
1979	---	---	---	0.026	0.022	0.007	0.001	0	0	0	---	---	0.008	1979
1980	---	---	---	0.017	0.005	0	0	0.004	0.004	0.005	---	---	0.005	1980
1981	---	---	---	0.006	0.003	0.004	0.002	0.004	0	0.016	---	---	0.005	1981
1982	---	---	---	0.013	0.017	0.003	0.022	0.003	0	0.023	---	---	0.012	1982
1983	---	---	---	0.013	0.011	0.010	0.003	0	0	0	---	---	0.005	1983
1984	---	---	---	0.018	0.008	0.010	0.001	0	0	0.011	---	---	0.007	1984
1986	---	---	---	0.023	0.019	0	0	0	0	0.003	---	---	0.006	1986
1987	---	---	0.006	0.007	0.003	0.005	0.002	0.003	0.002	0	---	---	0.003	1987
1988	---	---	---	0.029	0.005	0.001	0.021	0	0	0	---	---	0.008	1988
1989	---	---	---	0.038	0.021	0.022	0.013	0.001	0	0	---	---	0.014	1989
1990	---	---	---	0.003	0.002	0.003	0.002	0.001	0.002	0.001	---	---	0.002	1990
MEAN	---	---	0.006	0.019	0.011	0.008	0.006	0.003	0.003	0.005	---	---	0.008	MEAN

LOCATION - LAT 49 41 20 N LONG 093 44 15 W DRAINAGE AREA, 0.97 km² NATURAL FLOW DATA CONTRIBUTED BY - DEPARTMENT OF FISHERIES AND OCEANS (CANADA)

LAKE 226 OUTLET NEAR KENORA - STATION NO. 05QD015

EXTREMES OF DISCHARGE AND TOTAL DISCHARGE FOR APR TO OCT FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1972	0.108 AT 06:45 CST ON AUG 21	0.099 ON AUG 21	0 ON JUN 17 *	186	1972
1973	---	0.074E ON APR 21	0.001 ON JUN 06	227	1973
1975	---	0.076 ON JUN 23	0 ON JUL 20	197	1975
1976	0.088 AT 07:36 CST ON APR 17	0.088 ON APR 17	0 ON MAY 28	106	1976
1977	0.076 AT 00:12 CST ON JUN 19	0.074 ON JUN 19	0 ON APR 01	187	1977
1978	0.085 AT 00:37 CST ON APR 29	0.085 ON APR 28	0 ON OCT 21	178	1978
1979	0.089 AT 19:23 CST ON APR 25	0.085 ON APR 25	0 ON JUL 12	145	1979
1980	0.044 AT 18:12 CST ON APR 21	0.044 ON APR 21	0 ON JUN 08	94.9	1980
1981	0.140 AT 13:55 CST ON OCT 16 *	0.052 ON OCT 16	0 ON JUL 07	91.2	1981
1982	0.139 AT 12:17 CST ON MAY 02	0.065 ON JUL 21	0 ON MAY 29	219	1982
1983	0.029 AT 02:21 CST ON APR 27	0.028 ON APR 27	0 ON JUL 23	98.0	1983
1984	0.041 AT 06:53 CST ON OCT 22	0.040 ON OCT 21	0 E ON APR 01	126	1984
1986	---	0.057 ON MAY 01	0 ON MAY 26	119	1986
1987	0.019 ON MAR 26	0.017 ON APR 01	0 ON APR 21	60.0	1987
1988	0.135E ON JUL 07	0.114E ON JUL 06	0 E ON APR 01	148	1988
1989	0.124 ON APR 26	0.121 ON APR 26 *	0 ON AUG 16	251	1989
1990	0.029 ON JUN 22	0.027 ON JUN 22	0 ON MAY 06	33.2	1990
	E - ESTIMATED	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		145	MEAN

LAKE 227 OUTLET NEAR KENORA - STATION NO. 05QD008

MONTHLY AND ANNUAL MEAN DISCHARGES FOR APR TO OCT IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1969	---	---	---	---	---	---	---	---	0.002	0.003	0.001	0.001	---	1969
1970	0.002	0.002	0.001	0.014	0.016	0.002	0	0	0.006	0.009	0.006	0.001	0.007	1970
1971	---	---	---	0.012	0.006	0.003	0.007	0	0	0.010	---	---	0.006	1971
1972	---	---	---	0.006	0.007	0.001	0.004	0.007	0.003	0.002	---	---	0.005	1972
1973	---	---	---	0.007	0.004	0.002	0.004	0.004	0.005	0.006	---	---	0.005	1973
1975	---	---	---	0.014	0.007	0.004	0.001	0	0.001	0.001	---	---	0.004	1975
1976	---	---	---	0.014	0.001	0	0	0	0	0	---	---	0.002	1976
1977	---	---	---	0.002	0.006	0.011	0.002	0	0.004	0.001	---	---	0.004	1977
1978	---	---	---	0.011	0.013	0.006	0.001	0.001	0.002	0.001	---	---	0.005	1978
1979	---	---	---	0.010	0.008	0.003	0	0	0	0	---	---	0.003	1979
1980	---	---	---	0.008	0.002	0	0	0	0	0	---	---	0.001	1980
1981	---	---	---	0.003	0.001	0.006	0.004	0	0.001	0.005	---	---	0.003	1981
1982	---	---	---	0.008	0.007	0.003	0.006	0	0.001	0.007	---	---	0.005	1982
1983	---	---	---	0.007	0.004	0.003	0.001	0	0	0	---	---	0.002	1983
1984	---	---	---	0.002	0.004	0.003	0.001	0	0	0.001	---	---	0.001	1984
1986	---	---	---	0.009	0.009	0	0	0	0	0	---	---	0.003	1986
1987	---	---	0.003	0.002	0.002	0.002	0	0	0	0	---	---	0.001	1987
1988	---	---	---	0.004	0.001	0	0.009	0	0	0	---	---	0.002	1988
1989	---	---	---	0.008	0.006	0.006	0.003	0	0	0	---	---	0.003	1989
1990	---	---	---	0	0.002	0.009	0.001	0	0	0	---	---	0.002	1990
MEAN	0.002	0.002	0.002	0.007	0.006	0.003	0.002	0.001	0.001	0.002	0.004	0.001	0.003	MEAN

LOCATION - LAT 49 41 15 N LONG 093 41 25 W DRAINAGE AREA, 0.34 km² NATURAL FLOW DATA CONTRIBUTED BY - DEPARTMENT OF FISHERIES AND OCEANS (CANADA)

LAKE 227 OUTLET NEAR KENORA - STATION NO. 05QD008

EXTREMES OF DISCHARGE AND TOTAL DISCHARGE FOR APR TO OCT FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1969	---	---	---	---	1969
1970	0.147 AT 23:20 CST ON APR 28 *	0.130 ON APR 29 *	0 ON JUN 22 *	124	1970
1971	0.082 AT 01:42 CST ON JUL 01	0.062 ON JUL 01	0E ON APR 01	102	1971
1972	0.065 AT 05:21 CST ON AUG 21	0.057 ON AUG 21	0E ON APR 01	83.5	1972
1973	0.045 AT 13:26 CST ON APR 21	0.040 ON APR 21	0 ON APR 01	84.1	1973
1975	---	0.059E ON APR 23	0 ON JUL 12	77.0	1975
1976	0.079 AT 20:42 CST ON APR 16	0.059 ON APR 16	0 ON MAY 22	39.9	1976
1977	0.048 AT 08:45 CST ON JUN 18	0.045 ON JUN 18	0 ON APR 01	69.1	1977
1978	0.059 AT 02:16 CST ON APR 29	0.054 ON APR 29	0E ON APR 01	98.2	1978
1979	0.063 AT 08:41 CST ON APR 25	0.058 ON APR 25	0 ON APR 01	55.2	1979
1980	0.043 AT 14:15 CST ON APR 15	0.025 ON APR 20	0E ON APR 01	25.8	1980
1981	0.025 AT 20:13 CST ON JUL 03	0.022 ON JUL 03	0 ON MAY 16	54.9	1981
1982	0.037 AT 00:38 CST ON APR 25	0.037E ON JUL 04	0A ON APR 01	86.7	1982
1983	0.078 AT 19:29 CST ON APR 12	0.038 ON APR 12	0 ON APR 01	38.9	1983
1984	---	0.010 ON MAY 08	0E ON APR 01	26.6	1984
1986	---	0.054 ON APR 28	0 ON APR 03	47.3	1986
1987	0.011 ON MAR 26	0.007 ON MAY 27	0 ON MAY 02	15.1	1987
1988	0.081E ON JUL 07	0.062E ON JUL 08	0 ON APR 01	38.1	1988
1989	0.037 ON JUN 13	0.034 ON APR 26	0E ON APR 01	62.4	1989
1990	0.030 ON JUN 22	0.029 ON JUN 22	0E ON APR 01	31.7	1990
MEAN				61.1	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX) E - ESTIMATED * - EXTREME RECORDED FOR THE PERIOD OF RECORD

LAKE 230 OUTLET NEAR KENORA - STATION NO. 05QD011

MONTHLY AND ANNUAL MEAN DISCHARGES FOR APR TO OCT IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1971	---	---	---	0	0.001	0.001	0.001	0	0.001	0.002	---	---	0.001	1971
1972	---	---	---	0.001	0.001	0	0.001	0.002	0.001	0	---	---	0.001	1972
1973	---	---	---	0.001	0.001	0	0.001	0.002	0.001	0.002	---	---	0.001	1973
1975	---	---	---	0.002	0.001	0.001	0	0	0	0	---	---	0.001	1975
1976	---	---	---	0.003	0.001	0	0	0	0	0	---	---	0.001	1976
1977	---	---	---	0.002	0.002	0.003	0.001	0	0	0	---	---	0.001	1977
1978	---	---	---	0.003	0.003	0.003	0.001	0.001	0.001	0	---	---	0.002	1978
1979	---	---	---	0.002	0.001	0	0	0	0	0	---	---	0.001	1979
1980	---	---	---	0.001	0	0	0	0	0	0	---	---	0	1980
MEAN	---	---	---	0.002	0.001	0.001	0.001	0.001	0	0	---	---	0.001	MEAN

LOCATION - LAT 49 39 30 N, LONG 093 38 00 W DRAINAGE AREA, 0.09 km^2 NATURAL FLOW

LAKE 230 OUTLET NEAR KENORA - STATION NO. 05QD011

EXTREMES OF DISCHARGE AND TOTAL DISCHARGE FOR APR TO OCT FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1971	0.005 AT 05:24 CST ON OCT 01	0.005 ON OCT 01	0E ON APR 01 *	13.0	1971
1972	---	0.015RE ON AUG 21 *	0E ON APR 01	15.5	1972
1973	0.007 AT 03:35 CST ON AUG 10	0.006 ON AUG 09	0E ON APR 01	20.0	1973
1975	0.008 AT 14:31 CST ON JUN 22	0.005 ON APR 18	0E ON APR 01	11.1	1975
1976	0.006 AT 00:00 CST ON APR 01	0.005 ON APR 01	0 ON MAY 23	9.24	1976
1977	0.011 AT 06:40 CST ON JUN 18	0.010 ON JUN 16	0 ON JUL 22	23.8	1977
1978	0.011 AT 18:51 CST ON MAY 26	0.009 ON MAY 27	0E ON APR 02	30.8	1978
1979	0.012 AT 18:01 CST ON APR 19 *	0.010 ON APR 19	0 ON APR 01	9.68	1979
1980	0.003 AT 04:13 CST ON APR 07	0.003 ON APR 07	0 ON MAY 06	5.36	1980
MEAN				15.4	MEAN

E - ESTIMATED * - EXTREME RECORDED FOR THE PERIOD OF RECORD R - REVISED SINCE JAN 01 1989

LAKE 239 NORTHEAST INLET NEAR KENORA - STATION NO. 05PD031

MONTHLY AND ANNUAL MEAN DISCHARGES FOR MAR TO OCT IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1986	---	---	---	0.006	0.002	0	0	0	0.001	0	---	---	---	1986
1987	---	---	0.001	0.001	0.001	0	0	0	0	0	---	---	0	1987
1988	---	---	---	0.002	0.001	0	0.002	0	0	0	---	---	---	1988
1989	---	---	---	0.005	0.002	0.002	0	0	0	0	---	---	---	1989
1990	---	---	---	0	0	0.002	0	0	0	0	---	---	---	1990
MEAN	---	---	0.001	0.003	0.001	0.001	0	0	0	0	---	---	0	MEAN

LOCATION - LAT 49 40 04 N, LONG 093 43 08 W DRAINAGE AREA, 0.12 km^2 NATURAL FLOW

DATA CONTRIBUTED BY - DEPARTMENT OF FISHERIES AND OCEANS (CANADA)

LAKE 239 NORTHEAST INLET NEAR KENORA - STATION NO. 05PD031

EXTREMES OF DISCHARGE AND TOTAL DISCHARGE FOR MAR TO OCT FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)		MAXIMUM DAILY DISCHARGE (m^3/s)		MINIMUM DAILY DISCHARGE (m^3/s)		TOTAL DISCHARGE (dam^3)	YEAR
1986	---		---		---		---	1986
1987	---		---		---		---	1987
1988	0.027	ON JUL 07	0.011A	ON MAR 23	0E	ON MAR 01 *	9.50	1988
1989	0.043	ON APR 24 *	0.020	ON JUL 07	0A	ON MAR 01	---	1989
			0.027	ON APR 25 *	0A	ON MAR 21	---	
1990	0.010	ON JUN 17	0.009	ON JUN 21	0A	ON MAR 12	---	1990
							9.50	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX) E - ESTIMATED * - EXTREME RECORDED FOR THE PERIOD OF RECORD

LAKE 239 OUTLET NEAR KENORA - STATION NO. 05PD023

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1970	0.016	0.016	0.025	0.043	0.174	0.066	0.019	0.002	0.053	0.044	0.071	0.030	0.047	1970
1971	0.013	0.010	0.014	0.071	0.060	0.046	0.054	0.018	0.023	0.077	0.065	0.028	0.040	1971
1972	0.015	0.010	0.009	0.034	0.075	0.009	0.047	0.051	0.043	0.034	0.029	0.015	0.031	1972
1973	0.008	0.007	0.006	0.038	0.046	0.028	0.050	0.048	0.055	0.075	0.027	0.016	0.034	1973
1975	0.014	0.011	0.008	0.086	0.102	0.065	0.042	0.005	0.022	0.021	0.016	0.012	0.034	1975
1976	0.010	0.011	0.012	0.116	0.035	0.019	0.018	0.003	0	0	0	0	0.018	1976
1977	0	0	0	0.039	0.066	0.084	0.029	0.005	0.030	0.015	0.026	0.024	0.027	1977
1978	0.010	0.005	0.003	0.098	0.126	0.069	0.018	0.017	0.015	0.011	0.006	0.006	0.032	1978
1979	0.005	0.004	0.006	0.096	0.110	0.038	0.004	0	0	0	0.006	0.009	0.023	1979
1980	0.007	0.005	0.005	0.044	0.027	0.002	0.007	0.023	0.020	0.019	0.019	0.010	0.016	1980
1981	0.004	0.003	0.003	0.021	0.008	0.031	0.056	0.006	0.022	0.055	0.023	0.014	0.021	1981
1982	0.009	0.005	0.005	0.098	0.066	0.031	0.053	0.007	0.004	0.078	0.018	0.010	0.032	1982
1983	0.007	0.004	0.007	0.060	0.044	0.026	0.012	0	0	0	0	0	0.015	1983
1984	0	0	0	0.056	0.029	0.023	0.006	0	0	0.007	0.021	0.017	0.013	1984
1986	0.006	0.005	0.005	0.095	0.098	0.004	0.001	0	0	0	---	0	---	1986
1987	0	0	0.029	0.049	0.011	0.017	0.001	0	0	0	0	0	0.009	1987
1988	0	0	0	0.033	0.019	0.008	0.043	0.003	0	0	0	0	0.009	1988
1989	0	0	0	0.069	0.086	0.048	0.026	0.004	0	0	0	0	0.019	1989
1990	0	0	0	0.001	0.013	0.048	0.025	0.001	0	0	0	0	0.007	1990
MEAN	0.006	0.005	0.007	0.060	0.063	0.035	0.027	0.010	0.015	0.023	0.018	0.010	0.024	MEAN

LOCATION - LAT 49 39 28 N LONG 093 43 36 W DRAINAGE AREA, 3.9 km² NATURAL FLOW

DATA CONTRIBUTED BY - DEPARTMENT OF FISHERIES AND OCEANS (CANADA)

LAKE 239 OUTLET NEAR KENORA - STATION NO. 05PD023

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1970	0.340 AT 09:30 CST ON MAY 01	0.323 ON MAY 01	0 ON AUG 12 *	1 470	1970
1971	0.198 AT 21:57 CST ON APR 20	0.190 ON APR 21	0.008 ON FEB 10	1 260	1971
1972	0.144 AT 12:30 CST ON APR 30	0.133 ON APR 30	0 ON MAY 31	982	1972
1973	---	0.122 ON OCT 14	0.004 ON FEB 26	1 060	1973
1975	---	0.244 ON APR 26	0.001 ON AUG 14	1 060	1975
1976	0.266 AT 16:28 CST ON APR 17	0.263 ON APR 17	0 ON AUG 06	584	1976
1977	0.164 AT 06:16 CST ON JUN 20	0.161 ON JUN 20	0 ON JAN 01	836	1977
1978	0.365 AT 07:45 CST ON APR 28 *	0.362 ON APR 28 *	0.002 ON MAR 03	1 010	1978
1979	0.344 AT 18:53 CST ON APR 25	0.329 ON APR 25	0 ON JUL 27	735	1979
1980	0.099 AT 03:23 CST ON APR 23	0.097 ON APR 22	0 ON JUN 22	491	1980
1981	0.165 AT 01:19 CST ON JUL 04	0.162 ON JUL 04	0 ON AUG 27	651	1981
1982	0.255 AT 16:22 CST ON APR 17	0.250 ON APR 17	0 ON SEP 15	1 010	1982
1983	0.099 AT 01:18 CST ON APR 14	0.098 ON APR 14	0 ON AUG 09	418	1983
1984	0.097 AT 02:03 CST ON APR 12	0.096 ON APR 12	0 ON JAN 01	419	1984
1986	---	---	---	---	1986
1987	0.123 ON MAR 27	0.122 ON MAR 27	0 ON JAN 01	281	1987
1988	0.107 ON JUL 09	0.105 ON JUL 09	0 ON JAN 01	280	1988
1989	0.268 ON APR 26	0.266 ON APR 26	0 ON JAN 01	614	1989
1990	0.130 ON JUN 22	0.128 ON JUN 23	0 ON JAN 01	233	1990
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		744	MEAN

LAKE 239, LOWER EAST INLET, NEAR KENORA - STATION NO. 05PD024

MONTHLY AND ANNUAL MEAN DISCHARGES FOR APR TO OCT IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1975	---	---	---	0.047	0.023	0.046	0.017	0.017	0.031	0.025	---	---	0.029	1975
1976	---	---	---	0.096	0.007	0.018	0.002	0.005	0.001	0.003	---	---	0.019	1976
1977	---	---	---	0.057	0.031	0.035	0.009	0.007	0.027	0.009	---	---	0.025	1977
1978	---	---	---	0.094	0.038	0.018	0.008	0.012	0.013	0.007	---	---	0.027	1978
1979	---	---	---	0.041	0.032	0.014	0.001	0	0.001	0.006	---	---	0.013	1979
1980	---	---	---	0.043	0.007	0.003	0.012	0.013	0.012	0.013	---	---	0.015	1980
1981	---	---	---	0.014	0.004	0.023	0.013	0.002	0.017	0.023	---	---	0.014	1981
1982	---	---	---	0.084	0.019	0.010	0.021	0.001	0.014	0.030	---	---	0.025	1982
1983	---	---	---	0.050	0.015	0.013	0.004	0	0	0.003	---	---	0.012	1983
1984	---	---	---	0.043	0.009	0.013	0.001	0	0	0.025	---	---	0.013	1984
1986	---	---	---	0.065	0.020	0.001	0.001	0	0.004	0.005	---	---	0.013	1986
1987	---	---	0.024	0.017	0.008	0.006	0	0	0	0	---	---	0.004	1987
1988	---	---	---	0.033	0.006	0.003	0.018	0	0	0	---	---	0.009	1988
1989	---	---	---	0.066	0.016	0.018	0.008	0	0	0	---	---	0.015	1989
1990	---	---	0.001	0.007	0.007	0.026	0.003	0	0	0	---	---	0.006	1990
MEAN	---	---	0.013	0.050	0.016	0.016	0.008	0.004	0.008	0.010	---	---	0.016	MEAN

LOCATION - LAT 49 39 37 N, LONG 093 42 48 W DRAINAGE AREA, 1.7 km² NATURAL FLOW

DATA CONTRIBUTED BY - DEPARTMENT OF FISHERIES AND OCEANS (CANADA)

LAKE 239, LOWER EAST INLET, NEAR KENORA - STATION NO. 05PD024

EXTREMES OF DISCHARGE AND TOTAL DISCHARGE FOR APR TO OCT FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1975	0.445 AT 14:53 CST ON JUN 22	0.244 ON JUN 22	0.003E ON APR 03	538	1975
1976	---	0.311E ON APR 05	0 ON JUL 19 *	142	1976
1977	0.294 AT 18:58 CST ON APR 10	0.432 ON APR 10	0.001 ON JUL 26	458	1977
1978	0.413 AT 19:34 CST ON APR 24	0.303 ON APR 24	0.002 ON JUL 03	499	1978
1979	---	0.263 ON APR 25	0 B ON APR 01	248	1979
1980	0.192 AT 20:00 CST ON APR 18	0.152R ON APR 18	0 ON JUN 16	273	1980
1981	0.408 AT 00:00 CST ON SEP 07	0.172 ON JUL 03	0 ON JUL 30	255	1981
1982	---	0.531B ON APR 16	0 ON JUN 27	471	1982
1983	---	0.148 ON APR 11	0 ON JUL 12	222	1983
1984	0.270 AT 19:49 CST ON OCT 19	0.172 ON APR 06	0 ON JUL 07	239	1984
1986	---	0.539 ON APR 28 *	0 ON MAY 29	248	1986
1987	---	0.086 ON JUN 11	0 ON MAY 11	80.2	1987
1988	0.720 ON JUL 07 *	0.320 ON JUL 07	0 E ON APR 01	160	1988
1989	0.545 ON APR 22	0.289 ON APR 22	0 E ON APR 01	284	1989
1990	0.222 ON JUN 17	0.114 ON JUN 18	0 ON APR 07	113	1990
				295	MEAN

B - ICE CONDITIONS * - EXTREME RECORDED FOR THE PERIOD OF RECORD
E - ESTIMATED R - REVISED SINCE JAN 01 1989

LAKE 239, UPPER EAST INLET, NEAR KENORA - STATION NO. 05PD025

MONTHLY AND ANNUAL MEAN DISCHARGES FOR APR TO OCT IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1975	---	---	---	0.020	0.012	0.013	0.004	0.005	0.009	0.007	---	---	0.010	1975
1976	---	---	---	0.025	0.006	0.010	0.002	0.004	0.002	0.002	---	---	0.007	1976
1977	---	---	---	0.017	0.014	0.016	0.005	0.003	0.011	0.004	---	---	0.010	1977
1978	---	---	---	0.031	0.019	0.009	0.005	0.006	0.006	0.004	---	---	0.011	1978
1979	---	---	---	0.031	0.014	0.006	0.001	0	0.001	0.003	---	---	0.008	1979
1980	---	---	---	0.019	0.004	0.002	0.005	0.005	0.005	0.005	---	---	0.006	1980
1981	---	---	---	0.006	0.002	0.017	0.006	0.001	0.007	0.009	---	---	0.006	1981
1982	---	---	---	0.020	0.010	0.006	0.009	0.001	0.006	0.013	---	---	0.009	1982
1983	---	---	---	0.017	0.007	0.006	0.002	0	0	0.002	---	---	0.005	1983
1984	---	---	---	0.012	0.004	0.005	0	0	0	0.006	---	---	0.004	1984
MEAN	---	---	---	0.020	0.009	0.008	0.004	0.003	0.005	0.006	---	---	0.008	MEAN

LOCATION - LAT 49 39 45 N, LONG 093 42 30 W DRAINAGE AREA, 0.91 km² NATURAL FLOW

LAKE 239, UPPER EAST INLET, NEAR KENORA - STATION NO. 05PD025

EXTREMES OF DISCHARGE AND TOTAL DISCHARGE FOR APR TO OCT FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1975	0.142 AT 12:57 CST ON JUN 22	0.076 ON JUN 22	0.001 ON JUL 16	182	1975
1976	0.113 AT 15:00 CST ON APR 15	0.079 ON APR 16	0 ON AUG 03 *	133	1976
1977	0.093 AT 15:35 CST ON SEP 09	0.059 ON APR 11	0.001 ON JUL 22	186	1977
1978	0.187 AT 17:09 CST ON APR 26	0.119 ON APR 26	0.001 ON AUG 12	209	1978
1979	---	0.136E ON APR 25 *	0 ON JUL 20	147	1979
1980	0.059 AT 22:24 CST ON APR 18	0.045 ON APR 19	0 ON JUN 11	116	1980
1981	0.222 AT 21:51 CST ON SEP 06 *	0.070 ON JUL 03	0 ON JUL 13	111	1981
1982	0.192 AT 03:02 CST ON JUL 03	0.109 ON APR 16	0 ON JUN 28	170	1982
1983	0.061 AT 18:37 CST ON APR 11	0.043 ON JUN 14	0 ON JUL 10	87.3	1983
1984	0.048 AT 08:52 CST ON OCT 17	0.035 ON OCT 17	0 ON JUN 02	71.8	1984
				141	MEAN

E - ESTIMATED * - EXTREME RECORDED FOR THE PERIOD OF RECORD

LAKE 240 OUTLET NEAR KENORA - STATION NO. 05PD015

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1969	---	---	---	---	0.150	0.119	0.072	0.170	0.069	0.136	0.043	0.029	---	1969
1970	0.019	0.015	0.022	0.074	0.355	0.135	0.040	0.002	0.100	0.101	0.129	0.051	0.087	1970
1971	0.024	0.015	0.014	0.160	0.142	0.098	0.124	0.033	0.036	0.168	0.136	0.052	0.082	1971
1972	0.028	0.019	0.018	0.061	0.166	0.034	0.085	0.098	0.081	0.062	0.051	0.032	0.062	1972
1973	0.021	0.020	0.014	0.100	0.107	0.059	0.081	0.103	0.123	0.154	0.062	0.041	0.073	1973
1975	0.033	0.028	0.020	0.161	0.219	0.137	0.095	0.009	0.031	0.043	0.044	0.034	0.071	1975
1976	0.024	0.022	0.022	0.243	0.104	0.032	0.035	0.001	0	0	0	0	0.040	1976
1977	0	0	0.015	0.070	0.129	0.207	0.079	0.018	0.065	0.048	0.076	0.071	0.065	1977
1978	0.034	0.018	0.012	0.205	0.288	0.160	0.046	0.039	0.039	0.030	0.016	0.022	0.076	1978
1979	0.019	0.019	0.026	0.196	0.250	0.092	0.015	0	0	0	0.005	0.020	0.053	1979
1980	0.023	0.018	0.014	0.098	0.070	0.007	0.008	0.056	0.064	0.061	0.058	0.032	0.042	1980
1981	0.017	0.013	0.009	0.060	0.031	0.062	0.167	0.030	0.035	0.168	0.080	0.050	0.062	1981
1982	0.032	0.022	0.020	0.240	0.179	0.098	0.163	0.032	0.009	0.200	0.069	0.043	0.093	1982
1983	0.029	0.020	0.024	0.153	0.122	0.084	0.045	0.003	0	0	0	0	0.040	1983
1984	0	0	0	0.144	0.078	0.064	0.024	0.001	0	0.013	0.066	0.060	0.037	1984
1986	0.021	0.016	0.017	0.235	0.253	0.019	0.005	0	0	0	0.001	0.009	0.048	1986
1987	0.006	0.005	0.033	0.115	0.041	0.054	0.007	0.001	0	0	0	0	0.023	1987
1988	0	0	0	0.053	0.046	0.016	0.064	0.010	0	0	0	0	0.016	1988
1989	0	0	0	0.136	0.152	0.094	0.055	0.009	0	0	0	0	0.037	1989
1990	0	0	0	0.002	0.015	0.083	0.069	0.004	0	0	0	0	0.014	1990
MEAN	0.017	0.013	0.015	0.133	0.144	0.083	0.064	0.031	0.034	0.059	0.042	0.027	0.054	MEAN

LOCATION - LAT 49 38 52 N
LONG 093 43 34 W

DRAINAGE AREA, 7.25 km²
NATURAL FLOW

DATA CONTRIBUTED BY -
DEPARTMENT OF FISHERIES AND OCEANS (CANADA)

LAKE 240 OUTLET NEAR KENORA - STATION NO. 05PD015

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1969	---	---	---	---	1969
1970	---	0.623A ON MAY 01	0 ON AUG 16 *	2 750	1970
1971	0.467 AT 19:21 CST ON APR 20	0.456 ON APR 20	0.010 ON SEP 29	2 600	1971
1972	0.306 AT 01:23 CST ON MAY 02	0.294 ON MAY 01	0.009 ON JUL 06	1 950	1972
1973	0.278 AT 11:24 CST ON APR 24	0.275 ON APR 24	0.002 ON FEB 21	2 310	1973
1975	0.544 AT 12:58 CST ON APR 28	0.513 ON APR 27	0.001 ON AUG 19	2 250	1975
1976	0.629 AT 17:10 CST ON APR 17	0.620 ON APR 17	0 ON AUG 03	1 270	1976
1977	0.425 AT 20:57 CST ON JUN 19	0.408 ON JUN 20	0 ON JAN 01	2 050	1977
1978	0.838 AT 05:54 CST ON APR 28 *	0.830 ON APR 28 *	0.010 ON MAR 27	2 400	1978
1979	0.761 AT 22:54 CST ON APR 25	0.743 ON APR 26	0 ON JUL 28	1 680	1979
1980	0.245 AT 13:47 CST ON APR 23	0.242 ON APR 23	0 ON JUN 21	1 340	1980
1981	0.440 AT 15:20 CST ON JUL 04	0.434 ON JUL 04	0 ON SEP 05	1 960	1981
1982	0.642 AT 17:11 CST ON APR 18	0.633 ON APR 18	0 ON SEP 21	2 920	1982
1983	0.239 AT 21:55 CST ON APR 15	0.236 ON APR 15	0 ON AUG 12	1 260	1983
1984	---	0.263A ON APR 13	0 ON JAN 01	1 180	1984
1986	---	0.593 ON MAY 01	0 ON JUL 27	1 520	1986
1987	0.193 ON APR 01	0.187 ON APR 01	0 ON AUG 04	740	1987
1988	0.121 ON JUL 10	0.119 ON JUL 11	0 ON JAN 01	497	1988
1989	0.531 ON APR 26	0.521 ON APR 26	0 ON JAN 01	1 180	1989
1990	0.242 ON JUN 23	0.240 ON JUN 23	0 ON JAN 01	453	1990
				1 700	MEAN

A - MANUAL GAUGE
(SEE REFERENCE INDEX)

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

LAKE 261 OUTLET NEAR KENORA - STATION NO. 05QD012

MONTHLY AND ANNUAL MEAN DISCHARGES FOR APR TO OCT IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1971	---	---	---	0.012	0.007	0.003	0.004	0.001	0.001	0.011	---	---	0.005	1971
1972	---	---	---	0.012	0.007	0.003	0.005	0.011	0.004	0.003	---	---	0.006	1972
1973	---	---	---	0.019	0.004	0	0.012	0.005	0.011	0.013	---	---	0.009	1973
1975	---	---	---	0.021	0.018	0.010	0.004	0	0.002	0.001	---	---	0.008	1975
1976	---	---	---	0.031	0.002	0	0	0	0	0	---	---	0.005	1976
1977	---	---	---	0.004	0.006	0.010	0.003	0.001	0.007	0.001	---	---	0.005	1977
1978	---	---	---	0.014	0.016	0.008	0.001	0	0.002	0.001	---	---	0.006	1978
1979	---	---	---	0.023	0.011	0.003	0	0	0	0	---	---	0.005	1979
1980	---	---	---	0.008	0	0	0	0	0	0.002	---	---	0.001	1980
MEAN	---	---	---	0.016	0.008	0.004	0.003	0.002	0.003	0.004	---	---	0.006	MEAN

LOCATION - LAT 49 42 30 N
LONG 093 42 00 W

DRAINAGE AREA, 0.48 km²
NATURAL FLOW

LAKE 261 OUTLET NEAR KENORA - STATION NO. 05QD012

EXTREMES OF DISCHARGE AND TOTAL DISCHARGE FOR APR TO OCT FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1971	0.048 AT 22:40 CST ON APR 18	0.040E ON APR 18	0E ON APR 01 *	101	1971
1972	0.091 AT 08:28 CST ON AUG 21	0.082 ON AUG 21	0 ON APR 01	119	1972
1973	0.096 AT 10:42 CST ON JUL 27 *	0.085 ON JUL 27	0 ON MAY 19	168	1973
1975	0.091 AT 17:34 CST ON APR 25	0.076 ON APR 26	0 ON JUL 29	148	1975
1976	0.076 AT 03:30 CST ON APR 17	0.074 ON APR 17	0 ON APR 01	84.7	1976
1977	0.034 AT 00:59 CST ON JUN 19	0.031 ON JUN 19	0E ON APR 01	84.9	1977
1978	---	0.045E ON APR 26	0E ON APR 01	112	1978
1979	---	0.095E ON APR 20 *	0 ON APR 01	99.4	1979
1980	0.023 AT 12:00 CST ON APR 21	0.023 ON APR 21	0 ON MAY 09	26.3	1980
	E - ESTIMATED	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		105	MEAN

LAKE 265 OUTLET NEAR KENORA - STATION NO. 05QD013

MONTHLY AND ANNUAL MEAN DISCHARGES FOR APR TO OCT IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1971	---	---	---	0.017	0.014	0.007	0.006	0.002	0.001	0.009	---	---	0.008	1971
1972	---	---	---	0.008	0.016	0.008	0.007	0.012	0.008	0.005	---	---	0.009	1972
1973	---	---	---	0.008	0.010	0.005	0.009	0.016	0.010	0.017	---	---	0.011	1973
1975	---	---	---	0.026	0.026	0.019	0.005	0	0.006	0.006	---	---	0.013	1975
1976	---	---	---	0.025	0.001	0.001	0.001	0.001	0.001	0	---	---	0.004	1976
1977	---	---	---	0.001	0.002	0.003	0.002	0.001	0.006	0.003	---	---	0.002	1977
1978	---	---	---	0.029	0.028	0.014	0.002	0.001	0.002	0.002	---	---	0.011	1978
1979	---	---	---	0.029	0.017	0.006	0.001	0.001	0.001	0.002	---	---	0.008	1979
1980	---	---	---	0.018	0.001	0	0	0.001	0.002	0.004	---	---	0.004	1980
MEAN	---	---	---	0.018	0.013	0.007	0.004	0.004	0.004	0.005	---	---	0.008	MEAN

LOCATION - LAT 49 43 15 N LONG 093 38 00 W
DRAINAGE AREA, 0.71 km^2
NATURAL FLOW

LAKE 265 OUTLET NEAR KENORA - STATION NO. 05QD013

EXTREMES OF DISCHARGE AND TOTAL DISCHARGE FOR APR TO OCT FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1971	---	0.054E ON APR 18	0E ON APR 01 *	146	1971
1972	0.057 AT 12:46 CST ON AUG 21	0.054 ON AUG 21	0E ON APR 01	169	1972
1973	---	0.042 ON JUL 28	0E ON APR 01	202	1973
1975	0.085 AT 16:27 CST ON APR 28	0.082 ON APR 24	0 ON JUL 29	234	1975
1976	0.127 AT 21:45 CST ON APR 16	0.110 ON APR 17	0 ON MAY 04	76.1	1976
1977	0.076 AT 05:28 CST ON SEP 10	0.034 ON SEP 10	0 ON APR 28	44.5	1977
1978	0.195 AT 14:19 CST ON MAY 26 *	0.122 ON MAY 26	0 ON AUG 04	204	1978
1979	0.151 AT 06:24 CST ON APR 25	0.128 ON APR 25 *	0 ON AUG 03	147	1979
1980	0.041 AT 17:00 CST ON APR 21	0.040 ON APR 21	0 ON MAY 29	66.3	1980
	E - ESTIMATED	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		143	MEAN

LAKE 302 OUTLET NEAR KENORA - STATION NO. 05QD023

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1982	---	---	---	0.016	0.018	0.011	0.017	0.002	0	0.011	---	---	---	1982
1983	---	---	---	0.009	0.011	0.007	0.006	0.002	0	0	---	---	---	1983
1984	---	---	---	0.011	0.008	0.009	0.004	0	0	0.004	---	---	---	1984
1986	---	---	---	0.019	0.024	0.002	0.001	0	0.003	0.002	---	---	---	1986
1987	---	---	0.007	0.012	0.002	0.003	0.002	0.001	0	0	---	---	---	1987
1988	---	---	---	0.014	0.003	0.001	0.017	0	0	0	---	---	---	1988
1989	---	---	---	0.025	0.016	0.017	0.007	0	0	0	---	---	---	1989
1990	---	---	---	0.001	0.002	0.015	0.031	0.002	0	0	---	---	---	1990
MEAN	---	---	0.007	0.013	0.011	0.008	0.011	0.001	0	0.002	---	---	---	MEAN

LOCATION - LAT 49 40 47 N LONG 093 45 28 W
DRAINAGE AREA, 1.02 km^2
NATURAL FLOW
DATA CONTRIBUTED BY - DEPARTMENT OF FISHERIES AND OCEANS (CANADA)

LAKE 302 OUTLET NEAR KENORA - STATION NO. 05QD023

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1982	0.040 AT 20:29 CST ON JUL 05	0.039 ON JUL 05	---	---	1982
1983	0.016 AT 11:56 CST ON JUN 23	0.015 ON APR 29	0 ON AUG 31 *	---	1983
1984	0.021 AT 07:30 CST ON JUN 14	---	---	---	1984
1986	---	---	---	---	1986
1987	0.019 ON MAR 28	0.019 ON MAR 28	0 ON MAY 27	---	1987
1988	0.102 ON JUL 07 *	0.096E ON JUL 08 *	0E ON JAN 01	---	1988
1989	C.067 ON APR 26	0.066 ON APR 26	0E ON APR 01	---	1989
1990	0.096 ON JUN 22	0.087E ON JUN 22	0E ON JAN 01	---	1990
	E - ESTIMATED	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		---	MEAN

LAKE 302 UPLAND WATERSHED NEAR KENORA - STATION NO. 05QD024

MONTHLY AND ANNUAL MEAN DISCHARGES FOR APR TO OCT IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
				---	---	---	---	---	0.001	0	---	---	---	1986
1986	---	---	---	0.001	0.001	0	0	0.001	0	0	---	---	0	1987
1987	---	---	---	0.003	0	0	0.002	0	0	0	---	---	0.001	1988
1988	---	---	---	0.005	0.001	0.002	0.001	0	0	0	---	---	0.001	1989
1989	---	---	---											
1990	---	---	---	0.002	0	0.002	0.001	0	0	0	0	---	0.001	1990
MEAN	---	---	---	0.003	0.001	0.001	0.001	0	0	0	0	---	0.001	MEAN

LOCATION - LAT 49 40 22 N LONG 093 46 00 W DRAINAGE AREA, 0.07 km² NATURAL FLOW DATA CONTRIBUTED BY - DEPARTMENT OF FISHERIES AND OCEANS (CANADA)

LAKE 302 UPLAND WATERSHED NEAR KENORA - STATION NO. 05QD024

EXTREMES OF DISCHARGE AND TOTAL DISCHARGE FOR APR TO OCT FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)		MAXIMUM DAILY DISCHARGE (m^3/s)		MINIMUM DAILY DISCHARGE (m^3/s)		TOTAL DISCHARGE (dam^3)	YEAR
1986	---		---		---		---	1986
1987	0.023	ON AUG 11	0.009	ON MAY 21	0	ON APR 01 *	6.91	1987
1988	0.124	ON JUL 07 *	0.048	ON JUL 07 *	0E	ON APR 01	16.3	1988
1989	0.028	ON JUN 12	0.017	ON APR 22	0	ON APR 01	22.7	1989
1990	0.034	ON JUN 17	0.013	ON JUN 17	0	ON APR 07	13.0	1990
							14.7	MEAN

E - ESTIMATED * - EXTREME RECORDED FOR THE PERIOD OF RECORD

LAKE 303 OUTLET NEAR KENORA - STATION NO. 05PD019

MONTHLY AND ANNUAL MEAN DISCHARGES FOR APR TO OCT IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1970	0	0	0	0.009	0.019	0.016	0.007	0	0.016	0.028	0.057	0.002	0.014	1970
1971	---	---	---	0.022	0.010	0.006	0.010	0.001	0.003	0.022	---	---	0.011	1971
1972	---	---	---	0.011	0.007	0.002	0.007	0.009	0.005	0.004	---	---	0.006	1972
1973	---	---	---	0.012	0.004	0.002	0.006	0.007	0.012	0.009	---	---	0.007	1973
1975	---	---	---	0.021	0.010	0.011	0.002	0	0.002	0.002	---	---	0.007	1975
1976	---	---	---	0.022	0.002	0.002	0.001	0.001	0	0	---	---	0.004	1976
1977	---	---	0	0.003	0.006	0.016	0.003	0.001	0.005	0.002	---	---	0.005	1977
1978	---	---	---	0.025	0.013	0.007	0.001	0.002	0.003	0.002	---	---	0.008	1978
1979	---	---	---	0.022	0.012	0.004	0	0	0	0	---	---	0.005	1979
1980	---	---	---	0.013	0.001	0	0	0.005	0.006	0.006	---	---	0.004	1980
1981	---	---	---	0.005	0.001	0.009	0.009	0.001	0.008	0.013	---	---	0.006	1981
1982	---	---	---	0.024	0.007	0.004	0.011	0	0.001	0.014	---	---	0.009	1982
1983	---	---	---	0.014	0.005	0.006	0.002	0	0	0	---	---	0.004	1983
1984	---	---	---	0.013	0.003	0.005	0	0	0	0.007	---	---	0.004	1984
1986	---	---	---	0.023	0.009	0	0	0	0	0	---	---	0.005	1986
1987	---	---	0.007	0.006	0.002	0.002	0	0	0	0	---	---	0.001	1987
1988	---	---	---	0.010	0.001	0	0.006	0	0	0	---	---	0.002	1988
1989	---	---	---	0.018	0.005	0.007	0.001	0	0	0	---	---	0.004	1989
1990	---	---	---	0.002	0.001	0.006	0.002	0	0	0	---	---	0.001	1990
MEAN	0	0	0.002	0.014	0.006	0.006	0.004	0.001	0.003	0.006	0.057	0.002	0.006	MEAN

LOCATION - LAT 49 39 35 N LONG 093 44 38 W DRAINAGE AREA, 0.54 km² NATURAL FLOW DATA CONTRIBUTED BY - DEPARTMENT OF FISHERIES AND OCEANS (CANADA)

REMARKS - HIGHER MAXIMUM DISCHARGES ARE KNOWN TO HAVE OCCURRED OUTSIDE THE STANDARD PERIOD IN 1970

LAKE 303 OUTLET NEAR KENORA - STATION NO. 05PD019

EXTREMES OF DISCHARGE AND TOTAL DISCHARGE FOR APR TO OCT FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)		MAXIMUM DAILY DISCHARGE (m^3/s)		MINIMUM DAILY DISCHARGE (m^3/s)		TOTAL DISCHARGE (dam^3)	YEAR
1970	0.142 AT 03:45 CST	ON NOV 01	0.122	ON OCT 31	0	ON APR 01 *	252	1970
1971	---		0.076	ON APR 17	0E	ON APR 01	197	1971
1972	0.082 AT 03:15 CST	ON AUG 21	0.074	ON AUG 21	0	ON JUN 08	117	1972
1973	0.059 AT 12:30 CST	ON APR 21	0.057	ON APR 21	0	ON JUN 02	137	1973
1975	0.091 AT 19:14 CST	ON JUN 22	0.071	ON JUN 23	0	ON JUL 12	120	1975
1976	0.079 AT 23:56 CST	ON APR 16	0.068	ON APR 17	0	ON MAY 26	72.5	1976
1977	0.074 AT 21:16 CST	ON JUN 15	0.059	ON JUN 16	0	ON APR 01	94.3	1977
1978	0.071 AT 03:04 CST	ON APR 27	0.071	ON APR 27	0	ON JUL 11	141	1978
1979	0.088 AT 12:50 CST	ON APR 25	0.084	ON APR 20	0	ON JUL 10	99.7	1979
1980	0.041 AT 05:48 CST	ON APR 20	0.039	ON APR 20	0	ON MAY 25	80.7	1980
1981	0.074 AT 09:28 CST	ON JUL 03	0.064	ON JUL 03	0	ON MAY 13	119	1981
1982	0.201 AT 03:29 CST	ON APR 16 *	0.166	ON APR 16 *	0	ON JUN 28	161	1982
1983	0.045 AT 01:36 CST	ON APR 12	0.042	ON APR 12	0	ON JUL 20	69.6	1983
1984	0.040 AT 02:34 CST	ON APR 06	0.038	ON APR 06	0	ON JUL 09	73.5	1984
1986	---		0.085	ON APR 28	0	ON MAY 27	84.7	1986
1987	0.036	ON MAR 25	0.013	ON APR 08	0	ON MAY 04	26.5	1987
1988	0.074	ON JUL 07	0.052	ON JUL 08	0E	ON APR 01	45.6	1988
1989	0.070	ON APR 22	0.057	ON APR 23	0	ON JUL 20	81.5	1989
1990	0.064	ON JUN 22	0.047	ON JUN 22	0	ON JUN 01	26.4	1990
							106	MEAN

E - ESTIMATED * - EXTREME RECORDED FOR THE PERIOD OF RECORD

LAKE 373 OUTFLOW NEAR KENORA - STATION NO. 05QD026

MONTHLY AND ANNUAL MEAN DISCHARGES FOR APR TO OCT IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1990	---	---	---	0.002	0.007	0.012	0.009	0.001	0	0	---	---	0.004	1990
MEAN	---	---	---	0.002	0.007	0.012	0.009	0.001	0	0	---	---	0.004	MEAN

LOCATION - LAT 49 44 45 N LONG 093 47 30 W DRAINAGE AREA, 83.5 km² DATA CONTRIBUTED BY - DEPARTMENT OF FISHERIES AND OCEANS (CANADA)

LAKE 373 OUTFLOW NEAR KENORA - STATION NO 05QD026

EXTREMES OF DISCHARGE AND TOTAL DISCHARGE FOR APR TO OCT FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1990	0.019 ON JUN 21 *	0.017 ON JUN 22 *	0E ON APR 01 *	80.8	1990
	E - ESTIMATED	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		80.8	MEAN

LAKE 382 OUTFLOW - STATION NO. 05QD025

MONTHLY AND ANNUAL MEAN DISCHARGES FOR APR TO OCT IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1987	---	---	0.007	0.017	0.024	0.019	0	0.001	0	0	---	---	0.009	1987
1988	---	---	---	0.010	0.014	0.004	0.050	0.004	0	0	0	---	0.012	1988
1989	---	---	---	0.035	0.083	0.054	0.022	0	0	0	---	---	0.028	1989
1990	---	---	---	0	0	---	---	---	0	0	---	---	---	1990
MEAN	---	---	0.007	0.016	0.030	0.026	0.024	0.002	0	0	---	---	0.016	MEAN

LOCATION - LAT 49 42 30 N LONG 093 40 47 W DRAINAGE AREA, 2.03 km² NATURAL FLOW DATA CONTRIBUTED BY - DEPARTMENT OF FISHERIES AND OCEANS (CANADA)

LAKE 382 OUTFLOW - STATION NO. 05QD025

EXTREMES OF DISCHARGE AND TOTAL DISCHARGE FOR APR TO OCT FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1987	---				
1988	0.133 ON JUL 09	0.079 ON APR 29	0 ON JUL 07 *	159	1987
1989	0.159 ON APR 28 *	0.130 ON JUL 09 0.158 ON APR 28 *	0 ON APR 01 0E ON APR 01	217 514	1988 1989
1990	0.146 ON JUN 23	0.143 ON JUN 23	0E ON APR 01	---	1990
	E - ESTIMATED	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		297	MEAN

LAKE 470 OUTLET NEAR KENORA - STATION NO. 05PD017

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1969	---	---	---	---	0.008	0.009	0.011	0.038	0.017	0.039	0.009	0.007	---	1969
1970	0.007	0.009	0.009	0.058	0.073	0.017	0.004	0.001	0.027	0.025	0.025	0.007	0.022	1970
1971	0.004	0	0	0.070	0.015	0.021	0.032	0.009	0.010	0.050	0.029	0.007	0.021	1971
1972	0.003	0.002	0.001	0.042	0.025	0.008	0.028	0.035	0.021	0.014	0.013	0.002	0.016	1972
1973	0.002	0.002	0	0.054	0.018	0.012	0.020	0.023	0.045	0.034	0.010	0.007	0.019	1973
1975	0.004	0.004	0.004	0.088	0.024	0.039	0.009	0	0.007	0.009	0.010	0.008	0.017	1975
1976	0.003	0.002	0.003	0.070	0.006	0.011	0.001	0.001	0	0.002	0.002	0.018	0.010	1976
1977	0.002	0	0	0.011	0.015	0.063	0.015	0.002	0.022	0.006	0.029	0.012	0.015	1977
1978	0.004	0.001	0.001	0.096	0.055	0.025	0.005	0.010	0.010	0.006	0.003	0.006	0.019	1978
1979	0.006	0.009	0.007	0.085	0.051	0.014	0.001	0	0	0	0.007	0.005	0.015	1979
1980	0.003	0.002	0.001	0.048	0.007	0	0.004	0.020	0.019	0.021	0.012	0.005	0.012	1980
1981	0.002	0	0.004	0.024	0.005	0.025	0.039	0.006	0.025	0.044	0.015	0.008	0.016	1981
1982	0.004	0.002	0.002	0.086	0.030	0.021	0.047	0.002	0.003	0.056	0.010	0.005	0.023	1982
1983	0.003	0.002	0.003	0.058	0.016	0.024	0.007	0	0	0	0.001	0.002	0.010	1983
1984	0.010	0.007	0.002	0.058	0.012	0.020	0.004	0	0	0.023	0.018	0.010	0.013	1984
1986	0.001	0.001	0.005	0.087	0.053	0	0.001	0	0.002	0.002	0.004	0.002	0.013	1986
1987	0	0	0.024	0.027	0.009	0.008	0	0	0	0	0	0	0.006	1987
1988	0	0	0	0.031	0.003	0.001	0.015	0.003	0	0	0.003	0.001	0.005	1988
1989	0.001	0.001	0	0.053	0.014	0.021	0.010	0	0	0	0	0	0.008	1989
1990	0	0	0	0.001	0.001	0.026	0.013	0.001	0	0	0	0	0.004	1990
MEAN	0.003	0.002	0.003	0.055	0.022	0.018	0.013	0.008	0.010	0.017	0.010	0.006	0.014	MEAN

LOCATION - LAT 49 39 23 N LONG 093 43 57 W DRAINAGE AREA, 1.68 km² NATURAL FLOW DATA CONTRIBUTED BY - DEPARTMENT OF FISHERIES AND OCEANS (CANADA)

LAKE 470 OUTLET NEAR KENORA - STATION NO. 05PD017

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1969	---	0.258A ON APR 15	0 ON AUG 31 *	---	1969
1970	0.422 AT 22:15 CST ON APR 29	0.408 ON APR 29	0 ON JUL 27	691	1970
1971	---	0.193A ON APR 12	0 E ON JAN 31	647	1971
1972	0.269 AT 12:00 CST ON AUG 21	0.259 ON AUG 21	0 ON JAN 14	513	1972
1973	0.215 AT 18:30 CST ON APR 21	0.207 ON APR 21	0 ON JAN 01	598	1973
1975	0.388 AT 18:37 CST ON APR 24	0.278 ON APR 24	0 ON AUG 01	540	1975
1976	0.326 AT 18:33 CST ON APR 16	0.261 ON APR 16	0 ON JUN 02	315	1976
1977	0.249 AT 00:47 CST ON JUN 16	0.215 ON JUN 18	0 A ON JAN 13	460	1977
1978	0.348 AT 18:59 CST ON APR 26	0.306 ON APR 27	0.001 ON FEB 04	587	1978
1979	0.349 AT 19:29 CST ON APR 25	0.310 ON APR 25	0 ON JUL 10	487	1979
1980	0.150 AT 00:07 CST ON APR 21	0.147 ON APR 21	0 ON MAY 29	370	1980
1981	0.215 AT 23:50 CST ON JUL 03	0.186 ON JUL 04	0 ON FEB 10	515	1981
1982	0.645 AT 19:43 CST ON APR 16 *	0.458 ON APR 17 *	0 ON AUG 16	710	1982
1983	0.163 AT 03:08 CST ON APR 13	0.158 ON APR 13	0 ON MAY 02	304	1983
1984	0.164 AT 07:14 CST ON APR 08	0.160 ON APR 08	0 ON JUL 25	412	1984
1986	---	0.292 ON APR 29	0 ON JAN 01	412	1986
1987	0.100 ON MAR 27	0.099 ON MAR 27	0 ON JAN 15	179	1987
1988	0.166 ON JUL 08	0.159 ON JUL 08	0 ON JAN 01	148	1988
1989	0.545 ON JUL 05	0.226 ON APR 23	0 ON FEB 09	264	1989
1990	---	0.183 ON JUN 22	0 ON JAN 01	114	1990
				435	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX) E - ESTIMATED * - EXTREME RECORDED FOR THE PERIOD OF RECORD

LAKE 661 OUTLET NEAR KENORA - STATION NO. 05PD028

MONTHLY AND ANNUAL MEAN DISCHARGES FOR APR TO OCT IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1983	---	---	---	0.034	0.012	0.015	0.005	0	0	0	---	---	0.009	1983
1984	---	---	---	0.033	0.008	0.012	0.002	0	0	0.016	---	---	0.010	1984
1986	---	---	---	0.057	0.025	0	0	0	0.001	0.001	---	---	0.012	1986
1987	---	---	0.018	0.017	0.007	0.005	0	0	0	0	---	---	0.004	1987
1988	---	---	---	0.022	0.002	0.001	0.015	0	0	0	---	---	0.006	1988
1989	---	---	---	0.038	0.012	0.014	0.003	0.001	0	0	---	---	0.010	1989
1990	---	---	---	0.003	0.004	0.017	0.005	0	0	0	---	---	0.004	1990
MEAN	---	---	0.018	0.029	0.010	0.009	0.004	0	0	0.002	---	---	0.008	MEAN

LOCATION - LAT 49 39 30 N LONG 093 44 23 W DRAINAGE AREA, 1.25 km^2 NATURAL FLOW

DATA CONTRIBUTED BY - DEPARTMENT OF FISHERIES AND OCEANS (CANADA)

LAKE 661 OUTLET NEAR KENORA - STATION NO. 05PD028

EXTREMES OF DISCHARGE AND TOTAL DISCHARGE FOR APR TO OCT FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1983	0.105 AT 04:04 CST ON APR 12	0.100E ON APR 12	0 ON JUL 29 *	174	1983
1984	0.117E AT 18:50 CST ON APR 05	0.109E ON APR 06	0 ON JUL 23	185	1984
1986	---	0.192E ON APR 29 *	0E ON JUN 08	224	1986
1987	0.086 ON MAR 25	0.040 ON APR 08	0 ON MAY 12	74.6	1987
1988	0.235 ON JUL 07	0.155 ON JUL 07	0 ON APR 01	107	1988
1989	0.238 ON APR 22 *	0.146E ON APR 22	0 ON AUG 01	177	1989
1990	0.169 ON JUN 22	0.122 ON JUN 22	0E ON APR 01	74.6	1990
				145	MEAN

E - ESTIMATED * - EXTREME RECORDED FOR THE PERIOD OF RECORD

LAKE COUCHICHING OUTFLOW AT WASHAGO - STATION NO. 02EC017

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1926	28.6	39.9	36.4	42.8	65.1	47.3	25.1	31.2	30.5	11.8	20.5	29.7	34.0	1926
1927	27.7	26.2	28.2	21.7	58.3	50.0	28.7	34.2	16.1	15.5	12.0	5.69	24.5	1927
1928	17.8	31.6	50.5	63.0	54.2	35.9	36.2	50.9	31.9	19.4	26.3	33.4	35.9	1928
1929	35.0	49.8	56.7	93.7	103	62.4	42.0	34.4	23.9	19.1	17.6	14.4	45.9	1929
1930	4.42	18.8	26.6	45.4	39.6	28.5	30.3	18.3	15.7	15.9	14.0	11.7	22.4	1930
1931	11.0	12.2	9.52	2.43	2.58	7.46	14.1	18.0	14.1	12.0	4.95	2.40	9.39	1931
1932	2.38	14.6	32.1	63.0	53.1	16.3	6.25	45.7	34.6	18.1	26.4	30.7	28.6	1932
1933	23.5	7.34	3.14	50.4	53.7	20.9	5.82	6.10	9.17	15.3	12.5	1.66	17.5	1933
1934	2.28	2.51	2.97	46.9	32.4	3.89	22.7	16.8	12.7	15.0	4.99	3.00	13.9	1934
1935	5.52	4.18	3.86	7.44	3.10	24.1	46.2	16.4	9.90	8.00	5.03	1.79	11.3	1935
1936	3.39	6.42	15.9	49.3	37.1	6.90	10.2	6.15	9.11	13.9	11.6	6.23	14.7	1936
1937	21.1	34.2	40.4	12.3	48.0	29.5	19.2	23.3	18.2	13.3	4.35	4.50	22.3	1937
1938	9.99	4.28	14.8	35.2	18.5	5.66	15.3	23.6	15.6	13.5	9.46	3.10	14.1	1938
1939	1.81	4.15	21.6	43.3	47.7	19.9	15.3	30.7	15.1	10.5	2.59	2.05	18.0	1939
1940	9.53	13.2	18.0	5.38	4.43	32.7	22.5	14.4	17.2	14.3	9.23	4.13	13.7	1940
1941	23.7	41.8	45.4	41.8	9.01	14.3	16.7	20.7	18.9	7.46	39.7	41.7	26.6	1941
1942	35.5	22.8	40.1	66.4	56.4	69.1	31.7	30.6	22.4	12.3	2.26	1.97	35.1	1942
1943	4.52	29.2	49.1	70.2	77.2	69.1	38.4	30.8	27.8	14.8	3.49	6.57	35.1	1943
1944	12.6	11.7	9.49	3.26	26.0	24.2	50.7	29.3	12.0	12.6	11.3	8.92	17.7	1944
1945	11.8	13.4	5.53	19.4	40.3	69.7	44.5	27.8	18.3	12.3	5.46	12.1	23.4	1945
1946	31.0	43.3	67.9	26.2	4.81	8.92	17.1	18.9	16.3	17.8	14.7	6.38	22.8	1946
1947	2.11	9.80	11.1	48.0	83.4	84.2	46.6	40.1	28.8	19.1	21.4	16.7	34.3	1947
1948	---	19.8	12.1	24.8	56.1	8.88	16.9	20.9	19.6	16.6	7.11	1.78	---	1948
1949	2.11	2.54	22.2	52.1	31.3	11.8	14.3	13.7	15.4	14.7	14.0	6.91	16.8	1949
1950	2.74	3.31	31.4	87.8	48.1	14.9	18.1	16.3	22.3	23.1	14.9	2.81	23.8	1950
1951	33.4	37.8	32.8	103	91.8	63.9	31.0	17.9	16.6	11.7	4.92	12.1	38.1	1951
1952	32.7	38.7	34.8	70.0	38.0	35.3	18.4	18.1	17.6	17.5	10.6	4.88	28.0	1952
1953	2.96	8.14	7.07	45.1	53.1	50.6	20.7	17.8	20.1	19.1	16.8	4.76	20.8	1953
1954	11.3	13.6	55.8	79.1	74.3	40.7	19.4	19.8	12.9	56.5	81.0	69.8	44.7	1954
1955	56.5	40.3	---	47.1	36.9	15.8	18.6	21.4	19.3	10.5	17.0	27.7	---	1955
1956	29.6	24.3	31.1	44.2	65.3	59.9	46.7	30.4	35.2	16.3	14.8	3.81	33.4	1956
1957	8.37	8.89	25.2	29.5	14.8	17.8	57.6	29.7	20.5	16.9	17.3	16.7	22.0	1957
1958	22.2	30.7	20.4	4.80	9.72	15.6	15.9	18.1	16.8	7.87	5.98	3.12	14.2	1958
1959	8.10	8.06	---	---	---	---	---	---	---	---	---	10.2	---	1959
1960	27.7	46.5	59.2	64.7	91.1	88.4	57.2	27.6	19.7	17.4	17.7	16.8	44.4	1960
1961	15.9	14.7	2.02	2.15	3.87	7.95	13.8	21.6	17.4	26.0	24.9	3.22	14.4	1961
1962	15.4	16.7	15.1	4.73	5.13	12.3	16.5	13.9	12.1	12.0	6.54	8.97	11.6	1962
1963	18.2	17.2	14.5	7.09	21.7	32.0	15.3	12.4	12.6	14.6	11.8	6.44	15.1	1963
1964	10.3	7.71	8.54	9.52	8.36	12.3	16.2	15.2	17.2	13.5	17.2	13.0	12.4	1964
1965	5.15	5.22	6.72	22.1	54.7	16.8	12.5	12.8	12.9	9.10	10.4	38.9	17.4	1965
1966	41.1	39.8	33.3	11.6	10.1	24.9	25.7	17.0	15.2	12.1	5.32	6.11	20.1	1966
1967	23.4	31.8	37.0	7.49	8.27	50.3	92.5	64.2	30.2	26.4	46.8	61.4	40.1	1967
1968	72.7	72.5	29.1	19.5	14.9	45.7	26.2	22.9	22.1	19.3	15.8	20.3	30.0	1968
1969	46.5	49.2	22.1	28.1	78.2	26.0	16.1	17.2	18.7	14.7	8.41	7.51	27.6	1969
1970	14.9	18.0	16.3	31.4	26.0	18.5	31.1	34.2	23.9	17.9	26.7	41.4	25.1	1970
1971	30.0	29.2	20.1	28.8	33.6	14.1	20.5	23.5	21.2	26.0	17.7	7.93	22.7	1971
1972	6.92	20.3	52.5	38.0	62.9	38.0	29.7	36.2	31.4	16.6	23.8	46.6	33.6	1972
1973	57.6	42.1	18.8	82.6	60.5	22.5	24.1	22.6	17.7	15.2	15.7	41.0	34.1	1973
1974	31.3	42.5	42.4	62.3	73.2	26.1	26.9	36.8	24.3	11.5	26.7	31.4	36.2	1974
1975	29.1	28.8	52.8	38.5	36.2	17.3	15.0	15.8	13.6	11.1	9.99	4.17	24.4	1975
1976	22.5	49.5	51.1	50.6	57.9	19.7	35.6	36.0	40.3	31.0	21.0	20.6	36.3	1976
1977	22.6	23.5	16.8	18.9	20.4	16.8	17.4	19.9	21.4	40.8	39.1	45.3	25.3	1977
1978	53.2	61.4	41.9	36.5	42.0	31.3	19.6	16.9	25.6	22.4	12.6	10.7	31.0	1978
1979	14.8	48.2	51.8	34.0	69.4	35.7	21.8	19.4	21.4	21.1	17.9	27.7	31.9	1979
1980	48.9	12.1	16.2	87.0	42.1	22.1	28.2	63.4	37.7	19.6	19.3	28.5	35.5	1980
1981	52.0	48.8	47.8	29.8	26.5	28.0	23.8	21.0	35.2	28.6	26.8	30.8	33.2	1981
1982	37.7	45.1	44.4	44.9	17.1	42.9	33.2	27.1	31.3	25.8	14.2	30.5	33.4	1982
1983	81.2	64.9	17.3	45.0	77.9	26.8	17.5	16.8	21.4	17.1	11.4	16.0	34.3	1983
1984	31.4	53.6	67.9	29.3	24.5	35.0	25.6	25.7	34.9	21.1	10.5	8.30	30.6	1984
1985	31.1	58.4	83.3	63.7	35.5	20.8	20.5	25.2	41.3	47.8	54.5	42.7	43.6	1985
1986	43.9	35.6	38.8	18.2	22.7	46.6	34.7	45.4	54.7	93.2	70.4	57.0	46.8	1986
1987	33.4	25.6	30.8	17.1	14.9	16.1	31.7	31.6	17.5	17.3	36.7	46.6	25.6	1987
1988	42.0	49.0	22.8	8.61	9.20	15.6	12.8	14.4	19.3	21.2	24.9	25.6	22.0	1988
1989	22.6	25.7	12.4	12.7	42.2	45.7	30.5	18.6	20.8	16.0	27.1	43.7	26.5	1989
1990	30.7	42.3	40.2	62.3	34.9	26.1	28.8	36.3	18.4	17.1	22.1	30.6	32.4	1990
MEAN	24.3	27.7	29.8	38.2	39.9	29.7	26.3	25.1	22.0	19.1	18.4	19.1	26.8	MEAN

LOCATION - LAT N
LONG W

DRAINAGE AREA, 3 700 km²
REGULATED

REMARKS - DATA IS SUMMATION OF FLOWS AT STATIONS 02EC004 AND 02EC016

LAKE COUCHICHING OUTFLOW AT WASHAGO - STATION NO. 02EC017

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1926	---	75.7 ON MAY 13	4.66R ON OCT 18	1 070 000	1926
1927	---	53.0R ON JUN 09	3.87R ON NOV 27	773 000	1927
1928	---	84.7 ON MAY 01	6.31 ON JAN 01	1 140 000	1928
1929	---	110 ON APR 13	7.93R ON NOV 29	1 450 000	1929
1930	---	48.9R ON APR 20	3.54R ON JAN 05	707 000	1930
1931	---	24.7R ON AUG 15	1.53 ON NOV 22	296 000	1931
1932	---	74.2R ON APR 15	1.50R ON JAN 03	905 000	1932
1933	---	64.6 ON MAY 01	1.19 ON DEC 10	551 000	1933
1934	---	64.0R ON APR 26	1.47R ON NOV 11	438R 000	1934
1935	---	58.3 ON JUN 28	1.42R ON NOV 17	358 000	1935
1936	---	54.4R ON MAY 06	1.42 ON JAN 01	465 000	1936
1937	---	63.4 ON MAY 25	1.36R ON NOV 21	704 000	1937
1938	---	46.4 ON APR 01	1.39R ON DEC 23	446 000	1938
1939	---	55.2R ON APR 27	1.13R ON NOV 26 *	567 000	1939
1940	---	47.0R ON JUN 15	2.18R ON APR 08	434 000	1940
1941	---	60.6R ON APR 20	2.46R ON OCT 12	838 000	1941
1942	---	73.3R ON MAR 29	1.56 ON NOV 22	1 050 000	1942
1943	---	82.7R ON MAY 30	1.56R ON NOV 21	1 110 000	1943
1944	---	54.1 ON JUN 28	2.63R ON MAR 27	561 000	1944
1945	---	78.2R ON JUN 09	1.30R ON MAR 11	738 000	1945
1946	---	81.6 ON MAR 19	1.13R ON DEC 14	721 000	1946
1947	---	87.2R ON MAY 12	1.13 ON JAN 01	1 080 000	1947
1948	---	---	---	---	1948
1949	---	53.2R ON MAY 02	1.19 ON DEC 25	530 000	1949
1950	---	96.6R ON APR 11	1.50 ON JAN 01	750 000	1950
1951	---	150 R ON APR 08 *	2.07 ON OCT 28	1 200 000	1951
1952	---	82.4R ON APR 18	1.84R ON NOV 30	886 000	1952
1953	---	55.8R ON MAY 05	2.12R ON DEC 27	656 000	1953
1954	---	89.8 ON OCT 31	2.04 ON JAN 01	1 410 000	1954
1955	---	---	---	---	1955
1956	---	73.3R ON MAY 14	3.00R ON DEC 03	1 060 000	1956
1957	---	62.0 ON JUL 16	3.45 ON JAN 01	695 000	1957
1958	---	32.6 ON JAN 31	1.13R ON OCT 12	447 000	1958
1959	---	---	---	---	1959
1960	---	112 ON MAY 31	10.3 ON NOV 19	1 410 000	1960
1961	---	43.3R ON SEP 12	1.13 ON MAR 07	453 000	1961
1962	---	19.5R ON JUL 15	1.19R ON JAN 02	365 000	1962
1963	---	39.6 ON JUN 06	4.43 ON MAY 01	478 000	1963
1964	---	28.2 ON NOV 23	3.09 ON DEC 27	393 000	1964
1965	---	67.2 ON MAY 27	3.54 ON JAN 01	549 000	1965
1966	---	45.6 ON JAN 03	2.57 ON NOV 19	634 000	1966
1967	---	118 ON JUL 03	4.31 ON APR 11	1 280 000	1967
1968	---	86.7 ON JAN 18	4.35 ON MAR 21	947 000	1968
1969	---	85.8 ON MAY 19	6.44 ON APR 10	871 000	1969
1970	---	59.2 ON APR 23	8.72 ON MAR 28	791 000	1970
1971	---	51.0 ON APR 14	4.92 ON DEC 10	716 000	1971
1972	---	105 ON MAY 20	6.05 ON JAN 01	1 060 000	1972
1973	---	107 ON APR 10	6.46 ON MAR 17	1 080 000	1973
1974	---	93.1 ON APR 11	10.2 ON OCT 21	1 140 000	1974
1975	---	99.6 ON MAY 06	2.78 ON DEC 11	769 000	1975
1976	---	78.8 ON MAR 24	3.56 ON JAN 01	1 150 000	1976
1977	---	56.7 ON DEC 23	4.39 ON MAR 19	798 000	1977
1978	---	85.2 ON MAY 20	5.25 ON MAY 01	977 000	1978
1979	---	102 ON MAY 16	11.3 ON JAN 11	1 000 000	1979
1980	---	114 ON APR 18	9.09 ON FEB 09	1 120 000	1980
1981	---	84.9 ON MAR 03	14.4 ON APR 06	1 080 000	1981
1982	---	83.1 ON JUN 22	10.7 ON NOV 09	1 050 000	1982
1983	---	94.7 ON MAY 23	5.74 ON NOV 17	1 080 000	1983
1984	---	73.3 ON MAR 25	5.88 ON DEC 15	967 000	1984
1985	---	99.8 ON APR 15	8.09 ON JAN 01	1 370 000	1985
1986	---	102 ON OCT 04	11.7 ON MAY 12	1 490 000	1986
1987	---	54.7 ON DEC 31	7.11 ON MAR 28	841 000	1987
1988	---	54.7 ON JAN 01	7.07 ON MAY 06	696 000	1988
1989	---	86.7 ON JUN 27	3.78 ON MAR 16	836 000	1989
1990	---	82.8 ON APR 21	13.4 ON DEC 31	1 020 000	1990
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		845 000	MEAN
		R - REVISED SINCE JAN 01 1989			

LAKE OF THE WOODS EASTERN OUTLET AT KENORA POWERHOUSE - STATION NO. 05PE006

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1907	---	---	---	---	---	---	---	---	15.7	16.2	16.6	17.9	---	1907
1908	17.4	21.5	16.4	16.6	16.9	18.1	18.2	18.5	17.5	17.5	17.7	18.9	17.9	1908
1909	20.8	23.8	23.1	29.6	25.4	20.1	19.0	17.2	20.2	27.4	29.9	31.6	24.0	1909
1910	30.2	29.6	25.3	32.6	32.2	26.3	23.2	21.5	23.4	30.0	33.1	35.5	28.6	1910
1911	34.9	35.0	30.7	32.2	30.3	28.7	23.5	21.2	29.6	34.0	37.1	35.1	31.1	1911
1912	36.9	39.2	38.6	37.9	34.5	30.4	28.3	26.7	20.7	28.7	31.8	33.1	32.5	1912
1913	38.5	36.8	33.6	26.3	31.5	31.6	28.3	20.7	24.8	35.0	34.7	34.6	31.2	1913
1914	30.8	28.5	28.9	21.8	22.7	25.0	22.1	25.3	25.7	28.1	26.2	29.4	26.2	1914
1915	29.4	28.8	23.8	26.6	25.1	23.3	24.5	21.4	24.4	35.5	38.5	37.6	28.2	1915
1916	29.8	25.8	25.6	23.6	32.4	48.1	51.2	45.4	31.0	32.5	32.7	31.4	34.1	1916
1917	29.1	37.3	32.6	38.0	39.6	32.4	30.0	20.8	22.0	36.0	38.6	37.5	32.7	1917
1918	39.6	38.1	34.0	30.8	28.9	32.7	24.5	16.8	22.7	35.0	36.0	39.5	31.5	1918
1919	29.6	19.8	25.3	28.4	32.1	22.7	33.6	25.1	26.3	34.8	36.4	33.8	29.0	1919
1920	29.8	21.1	21.8	22.4	24.9	29.3	27.6	18.4	18.7	27.7	20.2	19.3	23.5	1920
1921	22.7	22.9	19.7	20.5	20.0	27.4	17.4	18.3	25.4	32.5	38.1	45.7	23.3	1921
1922	29.9	20.2	19.3	20.3	21.0	44.5	19.1	18.7	26.6	32.4	33.1	34.8	27.8	1922
1923	29.2	33.5	81.6	104	96.9	61.5	85.0	98.2	95.2	112	101	100	86.1	1923
1924	110	121	125	121	111	101	125	123	125	135	128	121	120	1924
1925	115	117	115	121	101	126	115	132	134	142	130	131	123	1925
1926	143	127	96.8	107	113	123	126	116	126	143	130	123	123	1926
1927	131	126	134	140	125	125	115	124	141	138	111	74.6	124	1927
1928	66.7	101	111	122	124	103	111	119	120	118	124	106	111	1928
1929	103	114	136	134	110	118	111	114	120	112	123	115	117	1929
1930	90.0	69.3	72.2	69.7	35.7	61.5	67.1	62.5	39.5	33.0	31.2	35.5	55.5	1930
1931	38.8	35.7	36.1	37.2	35.8	39.2	43.8	42.4	41.9	35.3	42.6	40.8	39.2	1931
1932	41.3	40.6	38.9	38.9	43.0	38.9	43.3	43.8	48.9	49.3	49.5	46.3	43.6	1932
1933	50.4	54.1	92.1	127	61.7	67.8	75.2	100	97.7	98.6	115	122	88.7	1933
1934	126	124	128	115	121	104	84.7	81.6	82.5	103	108	120	108	1934
1935	101	99.7	109	109	102	85.2	101	114	110	105	97.8	98.5	103	1935
1936	104	117	127	119	122	123	125	133	121	122	114	117	120	1936
1937	107	112	110	106	113	162	130	145	142	134	127	124	121	1937
1938	110	108	108	78.8	98.0	67.1	95.0	111	114	92.5	90.8	105	98.2	1938
1939	76.4	80.8	104	115	97.9	87.2	85.8	69.5	56.2	59.7	58.7	67.4	79.9	1939
1940	62.7	37.7	48.3	41.3	9.12	39.6	49.3	50.4	43.7	54.3	39.4	53.0	44.1	1940
1941	57.1	41.8	38.2	38.5	34.8	43.2	68.6	57.9	66.6	107	116	137	67.5	1941
1942	146	150	149	122	116	118	124	111	125	97.5	101	98.7	121	1942
1943	102	114	127	108	127	100	97.3	122	104	107	105	101	110	1943
1944	102	94.3	78.3	72.5	68.7	97.3	109	116	101	92.6	116	117	97.1	1944
1945	110	118	118	128	99.0	126	125	129	134	88.1	128	130	119	1945
1946	131	122	125	138	135	135	114	113	105	101	93.4	98.5	117	1946
1947	110	140	138	139	137	108	117	128	126	124	124	122	126	1947
1948	137	137	140	141	138	133	139	140	126	120	115	106	129	1948
1949	101	96.5	99.6	94.7	77.9	56.2	56.9	112	112	105	115	121	95.7	1949
1950	127	137	136	138	123	114	119	112	110	136	130	123	125	1950
1951	124	123	127	126	123	142	137	110	111	131	131	130	132	1951
1952	129	134	128	124	110	94.8	113	133	124	107	96.5	113	117	1952
1953	89.2	101	107	62.6	67.9	73.8	123	124	126	120	112	108	101	1953
1954	99.4	106	135	128	121	115	130	141	128	123	110	109	121	1954
1955	109	111	116	125	134	125	110	114	112	105	110	128	117	1955
1956	132	130	120	123	136	128	131	130	126	120	113	121	126	1956
1957	123	122	122	124	113	106	135	140	123	138	139	139	127	1957
1958	140	144	146	146	136	82.8	76.2	83.0	75.5	67.8	69.4	66.7	103	1958
1959	76.1	85.5	90.9	93.1	82.5	79.4	82.4	84.2	87.2	128	121	134	95.4	1959
1960	134	134	127	127	127	118	120	116	111	108	109	89.1	118	1960
1961	95.6	96.5	93.7	91.8	95.4	91.7	98.4	98.8	95.5	95.2	117	125	99.6	1961
1962	124	122	126	124	104	116	138	116	132	135	134	137	126	1962
1963	137	137	132	134	117	157	144	143	136	137	136	134	137	1963
1964	131	124	119	109	117	131	132	142	139	121	140	140	129	1964
1965	141	136	130	128	137	129	137	142	140	135	122	142	135	1965
1966	148	145	137	129	131	131	142	157	154	152	145	144	143	1966
1967	142	136	133	108	103	139	140	125	138	142	141	144	133	1967
1968	135	118	86.4	38.4	38.1	118	137	146	147	147	135	145	116	1968
1969	142	134	128	132	142	142	143	151	152	153	150	142	143	1969
1970	141	140	139	140	143	133	133	153	152	150	146	142	143	1970
1971	137	135	126	119	144	152	147	95.9	91.1	124	139	137	129	1971
1972	143	142	135	133	145	138	93.4	99.8	143	138	147	145	133	1972
1973	141	137	137	95.2	82.1	82.2	97.7	109	135	136	147	140	120	1973
1974	134	127	140	142	131	129	138	127	133	147	139	146	136	1974
1975	145	136	136	130	147	147	140	139	93.1	100	131	121	131	1975
1976	131	125	85.0	120	91.7	77.8	79.0	80.8	80.0	74.2	74.4	69.4	89.4	1976
1977	76.2	63.4	38.7	38.7	38.1	32.9	33.1	33.2	47.6	89.1	86.9	97.6	56.0	1977
1978	102	102	109	112	102	92.6	128	129	122	139	134	125	117	1978
1979	132	131	129	137	134	136	136	126	125	99.4	84.2	86.4	121	1979
1980	116	132	140	126	74.2	61.5	60.3	61.0	61.8	62.1	65.1	124	90.2	1980
1981	135	132	83.9	35.3	51.2	77.5	80.9	41.8	39.8	63.9	76.8	130	78.8	1981
1982	126	121	84.5	60.8	82.5	128	130	126	116	118	116	138	112	1982
1983	145	141	138	142	79.0	67.7	90.2	91.8	92.7	145	145	146	119	1983
1984	147	147	144	142	115	144	152	119	114	109	120	116	131	1984
1985	124	139	143	127	139	136	132	148	150	141	142	151	140	1985
1986	150	146	141	144	132	146	154	117	98.0	140	132	132	136	1986
1987	132	115	138	102	101	86.4	85.7	86.1	85.6	87.2	99.3	106	104	1987
1988	109	108	99.6	88.6	81.0	87.5	85.5	85.5	91.2	139	139	149	105	1988
1989	152	150	146	146	151	148	131	149	115	79.1	77.9	85.5	128	1989

CONTINUED

LAKE OF THE WOODS EASTERN OUTLET AT KENORA POWERHOUSE - STATION NO. 05PE006 (CONTINUED)

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1990	86.2	85.2	86.5	95.9	114	120	120	123	113	112	71.1	73.0	100	1990
MEAN	99.1	98.9	98.1	95.0	90.3	91.1	94.9	95.3	92.9	96.5	96.5	99.0	95.9	MEAN

LOCATION - LAT 49 46 20 N
LONG 094 30 10 W REGULATED SINCE 1907

REMARKS - FORMERLY PUBLISHED UNDER STA. NO. 05PE001

LAKE OF THE WOODS EASTERN OUTLET AT KENORA POWERHOUSE - STATION NO. 05PE006

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1907	---	---	---	---	1907
1908	---	22.1 ON FEB 29	15.7 ON JAN 12	567 000	1908
1909	---	36.5 ON DEC 09	14.6 ON JUL 04	757 000	1909
1910	---	44.2 ON MAY 21	15.0 ON AUG 14	901 000	1910
1911	---	43.3 ON NOV 11	16.6 ON JUL 09	981 000	1911
1912	---	49.3 ON FEB 23	15.7 ON JUL 01	1 030 000	1912
1913	---	45.6 ON JAN 22	17.8 ON APR 13	983 000	1913
1914	---	43.0 ON JAN 13	17.6 ON OCT 25	826 000	1914
1915	---	44.7 ON DEC 14	17.6 ON SEP 05	891 000	1915
1916	---	73.6 ON JUN 29	19.0 ON JAN 23	1 080 000	1916
1917	---	49.6 ON APR 24	16.4 ON AUG 12	1 030 000	1917
1918	---	48.7 ON DEC 27	15.8 ON AUG 18	994 000	1918
1919	---	47.9 ON JUL 22	16.2 ON JUN 08	916 000	1919
1920	---	39.1 ON JUL 03	13.6 ON AUG 18	742 000	1920
1921	---	43.6 ON NOV 22	13.3 ON JUL 03	735 000	1921
1922	---	44.2 ON SEP 23	16.2 ON JUL 16	752 000	1922
1923	134 ON OCT 06	17.3 ON JAN 21	2 720 000	1923
1924	146 ON OCT 08	15.7 ON JUL 01	3 810 000	1924
1925	---	152 ON OCT 16	18.8 ON MAY 12	3 890 000	1925
1926	---	156 ON SEP 29	28.9 ON JUL 01	3 880 000	1926
1927	---	152 ON SEP 11	48.1 ON DEC 11	3 920 000	1927
1928	---	149 ON NOV 08	17.0 ON SEP 09	3 500 000	1928
1929	---	147 ON JUN 06	26.2 ON JUN 30	3 700 000	1929
1930	---	127 ON JAN 08	0 ON MAY 06 *	1 750 000	1930
1931	---	59.7 ON NOV 24	7.62 ON MAR 21	1 230 000	1931
1932	---	70.5 ON OCT 04	28.3 ON JUN 19	1 380 000	1932
1933	---	149 ON MAR 22	27.4 ON OCT 08	2 800 000	1933
1934	---	145 ON JUN 07	29.7 ON NOV 04	3 410 000	1934
1935	---	151 ON JUL 30	32.6 ON MAY 19	3 240 000	1935
1936	---	151 ON FEB 13	42.5 ON SEP 07	3 800 000	1936
1937	---	155 ON JUL 22	25.8 ON MAY 02	3 820 000	1937
1938	---	152 ON JUL 26	0 ON JUN 24	3 100 000	1938
1939	---	140 ON MAR 18	0 ON AUG 06	2 520 000	1939
1940	---	96.6 ON JAN 12	6.37 ON MAY 09	1 400 000	1940
1941	---	150 ON DEC 27	21.7 ON JUN 08	2 130 000	1941
1942	---	152 ON JAN 18	44.2 ON DEC 25	3 830 000	1942
1943	---	149 ON MAY 12	43.9 ON APR 25	3 470 000	1943
1944	---	148 ON AUG 02	29.7 ON JUL 01	3 070 000	1944
1945	---	152 ON JUL 18	51.0 ON JUL 22	3 760 000	1945
1946	---	150 ON JUN 11	59.5 ON JUL 01	3 700 000	1946
1947	---	151 ON AUG 16	65.4 ON JAN 01	3 980 000	1947
1948	---	150 ON JUL 09	53.5 ON DEC 19	4 090 000	1948
1949	---	142 ON DEC 28	25.8 ON JUN 19	3 020 000	1949
1950	---	148 ON MAY 04	80.4 ON FEB 05	3 950 000	1950
1951	---	147 ON JUL 05	76.5 ON SEP 03	3 980 000	1951
1952	---	146 ON AUG 28	71.6 ON MAY 18	3 710 000	1952
1953	---	142 ON AUG 24	46.7 ON APR 26	3 190 000	1953
1954	---	147 ON JUL 19	63.7 ON JAN 01	3 800 000	1954
1955	---	153 ON JUN 04	83.3 ON JAN 09	3 670 000	1955
1956	---	146 ON MAY 20	93.2 ON NOV 18	3 990 000	1956
1957	---	168 ON DEC 03 *	7.65 ON SEP 15	4 010 000	1957
1958	---	151 ON MAR 30	33.7 ON OCT 20	3 240 000	1958
1959	---	142 ON OCT 16	48.7 ON JUN 08	3 010 000	1959
1960	---	145 ON JUL 31	69.7 ON DEC 18	3 740 000	1960
1961	---	136 ON AUG 05	62.0 ON JUN 04	3 140 000	1961
1962	---	150 ON JUL 11	66.8 ON MAY 27	3 970 000	1962
1963	---	154 ON JUL 15	87.2 ON APR 28	4 310 000	1963
1964	---	151 ON AUG 14	71.6 ON SEP 26	4 080 000	1964
1965	---	150 ON MAY 25	100 ON MAY 23	4 260 000	1965
1966	---	159 ON AUG 15	127 ON APR 10	4 510 000	1966
1967	---	159 ON JUL 05	57.8 ON JUL 20	4 180 000	1967
1968	---	159 ON AUG 26	23.8 ON APR 15	3 660 000	1968
1969	---	156 ON AUG 08	73.9 ON MAY 26	4 500 000	1969
1970	---	155 ON AUG 15	100 ON JUL 01	4 500 000	1970
1971	---	157 ON JUL 03	81.0 ON SEP 06	4 070 000	1971
1972	---	155 ON AUG 26	73.6 ON AUG 02	4 220 000	1972
1973	---	155 ON NOV 01	80.1 ON JUN 26	3 780 000	1973
1974	---	157 ON SEP 26	95.4 ON SEP 20	4 290 000	1974
1975	---	159 ON JUL 01	85.5 ON SEP 05	4 140 000	1975
1976	---	142 ON JAN 06	44.2 ON MAY 30	4 830 000	1976
1977	---	101 ON DEC 21	30.9 ON JUN 16	3 770 000	1977
1978	---	152 ON OCT 28	57.2 ON MAY 30	3 700 000	1978
1979	---	150 ON JUL 11	75.6 ON DEC 31	3 820 000	1979
1980	---	144 ON FEB 16	40.4 ON JUL 01	2 850 000	1980
1981	---	137 ON JAN 14	20.3 ON APR 27	2 490 000	1981
1982	---	148 ON DEC 25	44.6 ON MAY 02	3 540 000	1982
1983	---	155 ON OCT 05	62.2 ON MAY 12	3 740 000	1983
1984	---	156 ON JUL 08	90.8 ON AUG 13	4 130 000	1984
1985	---	158 ON AUG 13	23.6 ON APR 07	4 400 000	1985
1986	---	156 ON JUN 25	93.3 ON SEP 01	4 290 000	1986
1987	---	140 ON MAR 19	43.3 ON MAY 02	3 280 000	1987
1988	---	124 ON DEC 10	79.3 ON MAY 09	3 330 000	1988
1989	---	155 ON AUG 10	77.3 ON NOV 30	4 020 000	1989
1990	---	141 ON AUG 07	68.6 ON NOV 26	3 160 000	1990
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		3 030 000	MEAN

LAKE OF THE WOODS OUTLET AT BOAT LIFT CHANNEL - STATION NO. 05PE003

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1913	---	---	---	---	20.2	19.7	20.2	---	---	---	18.9	19.1	---	1913
1914	18.4	21.2	20.5	18.3	20.6	20.7	17.9	22.4	22.5	18.6	16.2	16.3	19.5	1914
1915	19.2	21.0	14.9	18.1	11.9	14.0	6.68	5.56	19.0	22.7	25.6	24.0	16.8	1915
1916	20.0	22.4	16.4	16.2	28.7	43.2	5.66	33.9	31.6	30.1	28.8	23.3	29.0	1916
1917	16.0	24.4	20.3	15.0	26.7	34.0	18.4	19.3	19.2	22.8	26.6	21.8	22.1	1917
1918	26.7	23.5	26.6	24.8	24.1	20.0	4.45	8.44	16.4	24.2	25.5	25.3	20.9	1918
1919	15.8	22.3	21.8	29.7	25.3	22.0	27.5	28.4	28.9	29.6	27.1	26.3	25.4	1919
1920	23.4	20.6	5.98	12.1	27.0	26.8	16.9	5.44	24.2	22.3	23.9	20.5	19.0	1920
1921	22.1	16.2	23.5	21.1	21.6	21.9	20.9	8.71	22.5	23.6	25.5	24.9	21.1	1921
1922	19.3	25.2	23.3	18.0	23.8	10.8	22.1	18.4	26.2	27.6	26.9	26.0	22.5	1922
1923	18.5	21.8	26.7	32.2	24.0	21.2	15.3	23.0	24.5	27.7	29.7	24.1	24.1	1923
1924	25.8	28.2	26.5	21.5	26.9	23.6	18.7	18.8	25.5	30.1	27.7	26.3	25.0	1924
1925	25.2	22.5	18.6	22.0	24.3	24.7	22.7	14.7	21.1	25.6	25.2	21.9	22.4	1925
1926	18.2	13.8	20.4	20.1	19.0	14.3	12.8	10.9	20.0	27.3	27.8	21.5	19.2	1926
1927	17.0	22.4	22.0	22.4	29.1	29.3	26.8	22.7	17.9	25.0	29.5	25.6	23.9	1927
1928	21.9	22.9	24.8	24.6	17.2	16.9	22.2	21.2	19.9	20.4	21.4	20.6	21.1	1928
1929	24.4	24.8	20.1	22.9	23.0	20.7	22.5	24.7	15.0	16.7	21.3	19.6	21.3	1929
1930	18.2	7.06	5.31	5.24	13.7	24.5	18.3	15.5	7.12	17.6	11.3	10.7	12.9	1930
1931	11.5	15.5	13.6	9.46	13.8	20.5	21.8	23.5	22.6	27.6	27.9	14.0	18.5	1931
1932	15.4	17.1	14.7	20.8	15.7	14.1	16.7	19.1	20.2	26.2	32.1	8.36	18.4	1932
1933	10.9	9.17	20.0	20.4	21.1	16.9	17.3	18.8	14.0	26.3	29.5	7.09	17.7	1933
1934	14.4	23.0	20.3	22.7	17.3	19.5	16.3	14.8	17.9	26.0	26.6	12.2	19.2	1934
1935	12.9	20.4	17.4	19.1	19.3	15.0	16.5	15.1	20.1	24.8	23.8	12.4	18.0	1935
1936	13.8	22.7	23.2	22.8	17.7	19.1	16.3	20.1	22.7	27.8	27.0	15.5	20.7	1936
1937	15.8	19.3	22.0	24.3	17.0	16.5	16.0	17.4	24.6	25.7	25.8	19.4	20.3	1937
1938	16.2	16.6	12.9	10.3	15.8	30.5	16.2	14.9	24.8	29.4	27.7	11.2	18.8	1938
1939	19.9	16.7	19.0	20.9	19.4	18.1	12.2	23.1	31.3	33.0	33.5	27.8	22.9	1939
1940	17.8	24.2	22.3	25.6	16.1	16.2	20.6	10.4	24.0	27.9	24.1	15.6	20.4	1940
1941	15.2	24.7	19.5	24.6	25.5	27.1	25.4	28.4	24.9	33.9	31.1	22.8	25.9	1941
1942	24.4	26.4	26.1	26.6	20.1	16.8	23.6	20.7	27.2	18.3	20.6	22.2	22.6	1942
1943	19.9	24.4	25.1	25.9	20.2	27.4	25.5	20.6	20.4	25.1	28.1	25.7	24.4	1943
1944	28.7	29.7	28.8	26.3	20.2	29.1	26.1	28.7	28.6	21.8	24.7	30.0	26.9	1944
1945	30.1	29.8	27.7	28.6	27.3	26.2	18.8	20.3	21.6	22.4	26.1	23.1	25.3	1945
1946	25.4	26.6	25.2	29.5	33.5	24.2	17.0	22.3	22.2	24.2	25.2	24.6	25.0	1946
1947	25.3	25.9	26.8	27.6	27.4	28.8	28.0	22.1	23.4	24.4	19.0	19.5	24.8	1947
1948	21.5	23.0	23.7	26.1	26.5	23.4	17.2	16.0	23.2	21.4	22.5	20.4	22.0	1948
1949	18.9	20.2	23.4	20.3	23.0	16.8	12.2	12.5	20.2	21.3	20.1	18.7	19.0	1949
1950	16.9	21.2	20.2	17.5	14.9	25.2	5.17	24.6	28.4	26.2	24.8	21.4	20.5	1950
1951	26.3	29.6	30.5	28.9	32.2	19.3	11.8	15.0	19.1	22.5	16.1	20.6	22.6	1951
1952	19.6	24.7	24.9	24.4	21.7	19.6	13.9	19.0	21.4	23.4	21.9	19.4	21.1	1952
1953	19.2	21.8	20.9	22.2	21.0	20.1	20.9	14.4	16.3	21.0	22.2	21.7	20.4	1953
1954	19.1	22.3	21.5	17.0	22.0	26.5	20.4	16.1	14.5	14.7	16.4	14.7	18.7	1954
1955	14.5	15.0	5.42	4.85	4.47	4.34	3.85	4.15	4.59	5.21	5.92	5.90	6.47	1955
1956	6.01	6.15	5.43	5.98	5.94	4.95	4.26	4.47	4.57	4.79	5.54	6.05	5.51	1956
1957	5.96	6.62	5.90	5.26	5.94	4.58	4.33	4.27	4.46	4.75	5.08	5.58	5.02	1957
1958	5.75	5.68	5.49	5.60	5.34	4.79	5.16	4.60	5.48	5.96	6.11	6.41	5.53	1958
1959	6.30	6.44	6.25	5.98	5.42	5.39	4.97	4.39	4.85	5.79	6.06	6.13	5.66	1959
1960	6.00	6.09	5.95	5.78	5.51	5.00	5.24	4.87	5.07	5.70	6.08	6.03	5.61	1960
1961	6.19	6.09	5.45	4.93	3.59	2.67	3.86	3.17	2.73	3.06	3.60	4.67	4.16	1961
1962	5.48	5.54	5.40	4.80	3.88	6.57	4.12	3.55	3.40	3.32	4.06	4.83	4.80	1962
1963	5.43	5.21	4.42	3.72	3.40	2.11	2.18	2.56	3.85	5.01	5.19	5.52	4.02	1963
1964	5.70	5.74	5.69	4.51	3.41	3.23	5.04	1.45	3.71	6.29	3.92	4.90	4.47	1964
1965	4.93	5.25	5.29	4.66	2.41	5.26	4.29	2.43	4.43	5.08	6.17	4.68	4.56	1965
1966	6.13	6.27	6.54	6.47	0.327	0	0	0	0	0	0	0	2.12	1966
1967	0	0	0	0	0	0	0	0.137	0.602	0.455	0	0	0.101	1967
1968	2.38	2.39	2.46	2.41	2.11	2.74	2.57	2.47	2.60	2.60	2.47	2.53	2.81	1968
1969	2.55	2.55	2.48	1.65	1.51	2.83	2.83	2.83	2.83	2.75	1.98	1.78	2.38	1969
1970	1.70	1.70	1.70	1.70	1.70	1.70	1.24	1.13	1.22	1.98	1.98	1.98	1.64	1970
1971	1.98	1.98	1.70	1.96	1.70	1.70	1.70	2.27	2.14	2.27	2.27	2.08	1.95	1971
1972	1.70	1.70	1.70	1.70	1.65	1.42	0.964	0.850	0.850	0.603	0	0	1.09	1972
1976	---	---	---	---	---	4.79	4.81	4.81	4.81	4.64	0.858	0	---	1976
1977	0	0	0	0	0	0	0	0	0	0	0	0	0	1977
1978	0	0	0	0	0	0	0	0	0	0	0	0	0	1978
1979	0	0	0	0	0	0	0	0	0	0	0	0	0	1979
MEAN	14.5	15.8	15.5	15.7	15.6	15.3	13.7	13.0	15.2	17.2	17.4	14.3	15.3	MEAN

LOCATION - LAT 49 45 50 N
LONG 094 33 30 W REGULATED

REMARKS - STATION WAS DISCONTINUED IN 1979 AS THIS OUTLET FROM LAKE OF THE WOODS CEASED TO FUNCTION AS AN OUTLET

LAKE OF THE WOODS OUTLET AT BOAT LIFT CHANNEL - STATION NO. 05PE003

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1913	---	---	---	---	1913
1914	---	28.3 ON JUN 22	0.085 ON OCT 11	614 000	1914
1915	---	28.0 ON DEC 08	0.283 ON MAY 18	531 000	1915
1916	---	62.3 ON JUL 10	1.05 ON APR 16	918 000	1916
1917	---	39.6 ON APR 11	2.15 ON JUL 29	696 000	1917
1918	---	34.8 ON MAR 29	0 ON JUL 03 *	660 000	1918
1919	---	41.6 ON OCT 09	1.84 ON JUL 13	801 000	1919
1920	---	35.7 ON JUN 30	0 ON AUG 20	602 000	1920
1921	---	39.4 ON APR 27	0 ON AUG 15	664 000	1921
1922	---	36.2 ON MAY 13	2.52 ON APR 09	708 000	1922
1923	---	40.2 ON MAR 28	0 ON JUL 18	759 000	1923
1924	---	36.8 ON FEB 04	0 ON JUL 08	789 000	1924
1925	---	32.3 ON NOV 27	1.44 ON AUG 30	705 000	1925
1926	---	42.5 ON OCT 21	1.08 ON JUL 11	604 000	1926
1927	---	56.4 ON JUL 25	2.46 ON SEP 04	745 000	1927
1928	---	39.9 ON OCT 27	1.42 ON MAY 13	718 000	1928
1929	---	34.8 ON JAN 24	0 ON SEP 17	672 000	1929
1930	---	36.0 ON JAN 08	1.67 ON JUL 19	407 000	1930
1931	---	32.0 ON AUG 03	2.55 ON MAY 22	583 000	1931
1932	---	37.1 ON NOV 11	2.44 ON JUN 25	582 000	1932
1933	---	39.6 ON OCT 27	2.46 ON JUN 18	557 000	1933
1934	---	37.1 ON FEB 16	2.78 ON JUL 01	606 000	1934
1935	---	31.7 ON APR 10	2.72 ON SEP 08	568 000	1935
1936	---	37.7 ON DEC 28	2.80 ON JUL 12	654 000	1936
1937	---	35.7 ON FEB 11	0 ON JUN 21	640 000	1937
1938	---	38.8 ON MAY 18	2.44 ON SEP 04	594 000	1938
1939	---	36.5 ON OCT 25	2.15 ON JUL 10	723 000	1939
1940	---	34.5 ON MAR 20	0 ON MAY 12	644 000	1940
1941	---	38.8 ON DEC 11	2.97 ON SEP 07	817 000	1941
1942	---	36.5 ON SEP 24	0 ON OCT 11	713 000	1942
1943	---	40.2 ON JUN 25	0 ON MAY 09	833 000	1943
1944	---	39.9 ON JUN 10	1.13 ON NOV 11	850 000	1944
1945	---	40.2 ON APR 18	0 ON JUL 29	798 000	1945
1946	---	39.1 ON MAY 14	0 ON JUL 14	787 000	1946
1947	---	38.5 ON JUN 11	2.69 ON SEP 21	783 000	1947
1948	---	37.7 ON MAY 25	0 ON JUL 05	697 000	1948
1949	---	34.0 ON FEB 04	0 ON JUL 25	598 000	1949
1950	---	72.5 ON JUN 30 *	0 ON JUL 02	646 000	1950
1951	---	39.6 ON MAR 05	0 ON JUL 06	714 000	1951
1952	---	34.8 ON FEB 22	0 ON JUL 08	667 000	1952
1953	---	32.3 ON NOV 04	0 ON AUG 12	637 000	1953
1954	---	40.5 ON MAY 18	0 ON JUL 23	591 000	1954
1955	---	23.0 ON JAN 27	2.49 ON AUG 27	204 000	1955
1956	---	8.04 ON APR 27	2.49 ON SEP 16	174 000	1956
1957	---	7.70 ON FEB 01	0 ON MAY 13	158 000	1957
1958	---	8.61 ON DEC 18	2.75 ON OCT 12	174 000	1958
1959	---	7.25 ON JAN 21	2.04 ON JUL 31	170 000	1959
1960	---	7.28 ON DEC 20	1.84 ON AUG 27	177 000	1960
1961	---	7.42 ON JAN 26	0 ON MAY 07	131 000	1961
1962	---	7.02 ON JUN 08	0 ON APR 28	151 000	1962
1963	---	6.06 ON JAN 23	0 ON MAR 23	127 000	1963
1964	---	7.45 ON OCT 08	0 ON APR 12	141 000	1964
1965	---	7.14 ON NOV 16	0 ON APR 18	144 000	1965
1966	---	7.82 ON APR 05	0 ON MAR 13	66 800	1966
1967	---	0.963 ON AUG 28	0 ON JAN 01	3 200	1967
1968	---	3.77 E ON APR 04	0 ON JAN 01	88 800	1968
1969	---	2.89 ON MAY 30	1.42 E ON APR 10	75 100	1969
1970	---	2.18 ON SEP 28	1.13 E ON JUL 08	51 800	1970
1971	---	2.61 ON AUG 12	1.13 E ON APR 11	61 400	1971
1972	---	1.70 E ON JAN 01	0 ON OCT 23	34 500	1972
1976	---	---	---	---	1976
1977	---	0 ON JAN 01	0 ON JAN 01	0	1977
1978	---	0 ON JAN 01	0 ON JAN 01	0	1978
1979	---	0 ON JAN 01	0 ON JAN 01	0	1979
	E - ESTIMATED	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		484 000	MEAN

LAKE OF THE WOODS OUTLET AT MILL 'C' KENNATIN - STATION NO. 05PE004

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1913	---	---	---	---	---	17.0	17.4	---	---	---	15.5	16.3	---	1913
1914	16.8	16.6	16.8	13.7	16.2	16.1	16.5	17.7	18.6	12.0	16.8 R	10.6	15.7 R	1914
1915	16.6	18.4	15.2	14.2	17.4	8.81	14.0	12.3	16.6	19.4	22.7	21.2	16.4	1915
1916	20.4	17.9	16.2	15.4	17.0	19.6	24.8	24.5	25.1	24.9	23.9	20.6	20.7	1916
1917	17.0	21.0	24.6	24.1	19.5	17.9	8.67	7.78	15.6	20.8	22.5	21.3	17.8	1917
1918	23.1	27.4	24.7	20.1	19.9	13.0	23.0	7.66	15.6	20.8	17.0	20.9	18.6	1918
1919	14.9	6.99	17.4	20.8	19.5	18.4	23.0	22.9	20.8	17.0	20.3	21.1	18.6	1919
1920	21.5	9.41	8.22	12.2	14.7	11.2	8.89	12.9	16.2	16.4	17.4	11.8	13.4	1920
1921	16.1	11.6	16.7	13.8	14.9	15.3	13.6	13.1	20.6	20.8	21.2	21.5	16.6	1921
1922	19.8	22.1	20.9	10.8	21.8	11.9	17.3	9.02	19.8	21.0	23.7	24.1	18.8	1922
1923	16.3	19.4	23.1	26.2	13.6	16.4	13.7	14.4	20.6	25.4	27.5	20.6	19.6	1923
1924	24.1	20.5	20.8	17.8	25.4	20.7	22.5	16.6	20.6	26.9	22.9	20.4	21.6	1924
1925	20.1	18.6	16.0	19.2	14.5	---	---	---	15.8	18.4	17.1	15.7	---	1925
1926	11.0	14.4	9.31	14.1	13.9	11.1	10.9	10.5	16.2	20.4	23.4	19.8	14.6	1926
1927	17.2	13.6	13.6	16.6	12.8	33.4	26.9	21.3	12.6	17.7	19.0	16.9	20.2	1927
1928	14.1	15.3	16.4	12.3	14.7	15.9	17.5	15.5	15.6	20.9	18.6	15.2	16.1	1928
1929	24.4	17.0	17.0	16.4	15.1	14.0	16.1	17.5	11.3	13.8	10.9	10.0	15.3	1929
1930	14.5	20.6	16.5	19.9	11.1	0.838	10.1	16.5	17.7	19.7	14.4	16.9	14.9	1930
1931	15.3	11.9	13.7	14.7	15.8	19.0	19.8	19.8	18.3	21.7	22.1	12.1	16.8	1931
1932	8.16	10.2	11.4	10.1	10.7	10.5	7.60	8.06	10.2	15.9	20.5	6.43	10.8	1932
1933	6.31	14.4	4.63	15.6	12.3	10.5	10.7	12.8	10.0	17.6	21.4	11.4	12.0	1933
1934	12.0	15.2	12.7	15.6	14.5	15.3	8.47	9.06	11.2	18.7	19.8	1.86	12.8	1934
1935	10.5	5.44	7.72	10.4	10.4	7.80	9.03	10.6	14.5	18.4	15.6	3.07	10.3	1935
1936	10.7	9.10	11.2	6.91	11.6	10.8	16.1	10.5	16.5	20.6	19.5	4.67	12.4	1936
1937	12.9	12.1	14.9	7.30	4.99	8.22	5.96	7.81	16.5	17.1	19.0	12.2	11.6	1937
1938	6.52	11.2	10.4	5.00	21.7	28.7	19.2	8.74	17.3	21.6	20.4	8.28	14.9	1938
1939	7.85	12.7	11.4	14.7	14.1	12.5	12.7	9.64	25.3	25.0	26.4	21.8	16.1	1939
1940	17.0	17.2	10.2	20.2	14.6	15.6	8.33	10.8	19.1	21.7	20.4	8.18	15.2	1940
1941	14.9	12.2	15.4	18.7	22.7	21.1	18.7	20.1	17.7	17.2	16.0	17.8	16.1	1941
1942	18.5	19.8	20.6	21.8	13.3	18.5	16.6	17.0	19.5	24.0	23.5	16.2	20.2	1942
1943	28.3	31.3	33.8	31.2	32.7	34.6	34.6	26.8	24.1	21.2	19.8	23.0	28.7	1943
1944	21.9	22.4	22.4	21.6	20.7	30.1	26.6	28.6	31.5	18.4	19.8	21.9	23.8	1944
1945	23.9	23.4	22.8	25.9	27.5	19.1	13.4	16.9	17.6	17.8	20.8	20.0	20.7	1945
1946	20.3	21.5	20.3	23.2	25.5	14.9	19.6	19.6	18.8	20.0	20.3	20.3	20.4	1946
1947	20.2	20.5	21.0	22.7	23.9	11.1	28.4	14.8	19.6	18.4	17.5	14.4	20.9	1947
1948	14.6	15.7	17.2	18.4	24.9	18.4	18.8	9.54	17.3	16.5	19.0	16.4	17.3	1948
1949	13.8	17.1	14.4	15.3	11.0	13.1	14.2	16.2	16.3	17.0	15.5	12.6	14.7	1949
1950	15.2	15.2	16.4	13.4	23.7	23.0	26.1	25.0	27.4	19.3	17.1	15.3	19.8	1950
1951	19.9	22.6	23.1	22.2	27.3	18.9	8.42	16.1	15.1	15.0	17.9	12.8	18.2	1951
1952	18.5	21.5	19.3	20.2	16.3	14.2	12.2	15.9	18.0	18.9	17.4	11.8	17.3	1952
1953	15.6	16.1	17.0	16.2	17.8	17.7	17.3	9.34	11.3	16.2	17.7	16.9	12.8	1953
1954	14.1	17.1	14.4	14.7	17.5	28.3	18.2	14.6	16.5	16.0	17.8	14.0	16.9	1954
1955	19.8	11.8	17.8	16.9	16.8	16.9	12.0	16.7	17.4	21.1	21.5	18.0	16.5	1955
1956	17.5	18.9	20.2	23.8	22.9	20.0	17.6	17.0	16.8	18.8	20.6	16.5	19.2	1956
1957	16.0	19.3	17.6	15.2	18.7	17.7	11.3	16.9	17.1	19.5	19.8	19.4	17.3	1957
1958	21.2	19.1	18.9	21.5	19.7	18.1	20.6	11.0	21.4	23.5	21.6	20.2	19.8	1958
1959	18.0	19.6	21.7	21.2	17.1	18.6	18.5	13.9	18.0	22.3	23.7	19.5	19.3	1959
1960	17.8	21.2	20.4	18.5	20.2	19.9	15.2	14.7	18.3	21.8	25.3	16.5	19.1	1960
1961	19.7	19.6	19.9	16.5	19.5	19.4	15.0	15.5	15.0	18.3	18.1	15.8	17.8	1961
1962	20.3	19.4	20.0	13.3	17.6	16.3	15.6	19.0	13.6	15.0	15.1	10.0	16.3	1962
1963	17.4	11.4	13.0	12.9	13.1	11.7	11.3	12.8	18.0	23.1	24.7	22.6	15.5	1963
1964	23.1	23.2	24.1	20.9	13.8	13.3	22.0	7.19	14.8	22.9	14.9	14.7	18.1	1964
1965	12.5	23.0	18.6	17.3	12.2	20.5	21.9	10.9	19.3	22.2	25.9	18.3	18.5	1965
1966	19.9	21.7	22.6	22.1	17.5	20.8	19.8	9.80	19.8	15.9	20.8	14.6	18.7	1966
1967	16.1	15.4	21.3	15.9	14.0	16.7	11.2	8.71	7.79	7.25	6.66	5.80	12.2	1967
1968	5.49	4.92	4.17	4.32	4.36	4.37	4.39	4.46	6.09	6.17	5.50	5.08	5.01	1968
1969	5.81	5.38	5.31	5.10	5.20	6.29	5.67	6.12	7.08	7.11	7.36	6.56	6.08	1969
1970	6.23	6.23	7.44	7.93	7.60	7.08	6.66	6.51	6.59	6.80	6.80	7.38	6.94	1970
1971	7.62	7.47	6.80	5.80	3.93	5.95	5.95	5.56	5.47	5.66	5.66	5.66	6.13	1971
1972	5.66	5.66	5.66	5.66	4.93	0.916	0	0	0	0	0	0	2.36	1972
MEAN	15.8	16.2	16.3	16.3	16.8	16.2	15.2	13.7	16.5	18.4	18.9 R	15.0	16.2 R	MEAN

LOCATION - LAT 49 45 50 N
LONG 094 33 20 W REGULATED

R - REVISED SINCE JAN 01 1989

LAKE OF THE WOODS OUTLET AT MILL 'C' KEEWATIN - STATION NO. 05PE004

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1913	---	---	---	---	1913
1914	---	21.2 ON SEP 15	2.07 ON JUL 26	494 000	1914
1915	---	24.8 ON DEC 12	0.142 ON MAY 31	517 000	1915
1916	---	31.4 ON SEP 21	3.00 ON MAY 21	654 000	1916
1917	---	31.7 ON NOV 24	0 ON JUN 07 *	561 000	1917
1918	---	35.1 ON FEB 11	0 ON JUL 24	587 000	1918
1919	---	32.3 ON JUL 25	0 ON OCT 04	588 000	1919
1920	---	29.7 ON JUL 03	0 ON JUL 26	424 000	1920
1921	---	31.1 ON APR 18	0 ON APR 03	525 000	1921
1922	---	32.0 ON NOV 10	0 ON JUN 02	594 000	1922
1923	---	32.0 ON SEP 20	0 ON MAY 27	619 000	1923
1924	---	31.7 ON JUL 07	0 ON SEP 04	683 000	1924
1925	---	---	---	---	1925
1926	---	32.6 ON NOV 01	0 ON JAN 01	460 000	1926
1927	---	29.4 ON MAY 02	0 ON APR 24	637 000	1927
1928	---	26.9 ON JUN 30	0 ON MAR 25	509 000	1928
1929	---	34.8 ON JAN 24	0 ON MAY 19	482 000	1929
1930	---	25.6 ON APR 21	0 ON FEB 09	469 000	1930
1931	---	24.7 ON OCT 22	0 ON JAN 01	531 000	1931
1932	---	23.3 ON MAR 24	0 ON APR 16	341 000	1932
1933	---	29.4 ON APR 18	0 ON FEB 26	379 000	1933
1934	---	27.4 ON NOV 02	0 ON APR 21	404 000	1934
1935	---	23.9 ON JAN 24	0 ON JUN 26	325 000	1935
1936	---	28.6 ON NOV 06	0 ON MAR 22	391 000	1936
1937	---	27.8 ON JAN 20	0 ON APR 03	365 000	1937
1938	---	39.6 ON JUL 18	0 ON MAR 31	471 000	1938
1939	---	30.6 ON DEC 02	0 ON FEB 04	509 000	1939
1940	---	27.4 ON MAY 14	0 ON JAN 01	481 000	1940
1941	---	41.3 ON NOV 13	0 ON APR 13	665 000	1941
1942	---	31.1 ON DEC 09	0 ON JAN 04	636 000	1942
1943	---	41.9 ON MAY 14 *	3.11 ON OCT 10	905 000	1943
1944	---	37.9 ON JUN 15	0 ON APR 23	753 000	1944
1945	---	40.2 ON APR 25	0 ON JUN 03	654 000	1945
1946	---	31.1 ON MAY 10	0 ON JUN 09	643 000	1946
1947	---	40.2 ON JUN 14	0 ON AUG 03	660 000	1947
1948	---	39.1 ON MAY 10	0 ON SEP 02	546 000	1948
1949	---	25.9 ON FEB 03	0 ON MAY 23	463 000	1949
1950	---	38.5 ON MAY 16	0 ON OCT 08	625 000	1950
1951	---	33.1 ON MAY 21	0 ON JUL 17	575 000	1951
1952	---	29.4 ON FEB 10	0 ON JUN 25	548 000	1952
1953	---	26.7 ON MAR 19	0 ON AUG 19	497 000	1953
1954	---	38.5 ON JUN 04	0 ON JUL 30	533 000	1954
1955	---	26.5 ON DEC 15	3.11 ON JAN 01	520 000	1955
1956	---	34.8 ON APR 16	3.11 ON JAN 01	606 000	1956
1957	---	29.2 ON FEB 04	0.283 ON JUL 03	547 000	1957
1958	---	33.1 ON JUL 05	0 ON JUL 28	625 000	1958
1959	---	29.4 ON FEB 19	3.11 ON JAN 01	609 000	1959
1960	---	30.6 ON MAR 24	0 ON JUL 25	605 000	1960
1961	---	28.9 ON SEP 27	0 ON JUL 24	563 000	1961
1962	---	33.4 ON JUN 07	3.11 ON JAN 01	513 000	1962
1963	---	27.5 ON DEC 15	3.11 ON JAN 01	490 000	1963
1964	---	31.1 ON OCT 06	0 ON AUG 05	571 000	1964
1965	---	32.6 ON JUN 21	3.11 ON JAN 01	583 000	1965
1966	---	30.9 ON MAR 22	0 ON AUG 15	591 000	1966
1967	---	25.4 ON MAR 16	2.94 ON MAR 18	386 000	1967
1968	---	6.82 ON AUG 28	3.79 E ON MAR 13	158 000	1968
1969	---	7.36 ON OCT 29	5.10 E ON MAR 24	192 000	1969
1970	---	7.93 ON MAR 10	6.23 E ON JAN 01	219 000	1970
1971	---	7.65E ON JAN 01	4.81 ON APR 14	193 000	1971
1972	---	5.66E ON JAN 01	0 ON JUN 08	74 700	1972
	E - ESTIMATED	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		513 000	MEAN

LAKE OF THE WOODS OUTLET AT MINK CREEK - STATION NO. 05PE005

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1913	---	---	---	---	3.11	3.02	2.97	3.11	2.96	3.11	3.11	3.11	---	1913
1914	3.11	3.40	2.76	2.69	3.21	7.32	7.80	5.10	5.02	5.89	6.51	5.64	4.88	1914
1915	4.84	4.81	4.62	5.12	4.43	5.30	5.64	4.63	4.48	4.50	3.67	4.31	4.70	1915
1916	4.34	4.39	4.13	4.65	7.39	9.99	11.0	8.34	6.25	4.87	4.46	3.94	6.16	1916
1917	3.83	4.07	4.84	0.699	0.142	0.142	0.142	0.142	0.142	---	---	---	---	1917
1972	2.88	2.73	2.67	2.55	2.38	2.12	2.76	2.64	2.61	2.75	2.69	2.63	2.62	1972
1973	2.56	2.44	2.31	2.34	2.41	2.53	2.49	2.96	3.53	3.70	3.71	3.67	2.89	1973
1974	3.59	3.48	3.34	3.30	3.71	3.90	3.84	3.60	3.80	3.72	3.65	3.59	3.65	1974
1975	3.49	3.37	3.16	3.05	3.66	3.85	3.88	3.74	3.63	3.54	3.42	3.34	3.51	1975
1976	3.22	3.08	2.97	3.07	3.27	3.34	3.42	3.39	3.24	2.53	0.619	1.55	2.81	1976
1977	1.50	1.47	1.44	1.48	1.40	1.46	1.65	1.63	1.70	1.86	1.26	1.67	1.07	1977
1978	3.56	3.40	3.17	3.14	3.49	3.76	3.84	3.88	3.85	3.73	3.58	3.47	3.57	1978
1979	3.35	3.22	3.11	3.18	3.67	3.73	3.77	3.68	3.54	3.33	3.31	3.29	3.43	1979
1980	3.26	3.24	3.13	3.08	3.17	3.14	3.11	3.07	3.03	3.03	3.06	3.02	3.11	1980
1981	2.90	2.79	2.75	2.79	2.94	3.27	3.52	3.51	3.48	3.47	3.42	3.38	3.19	1981
1982	3.29	3.14	3.08	3.19	3.62	3.77	3.82	3.84	3.73	3.77	3.85	3.85	3.58	1982
1983	3.71	3.54	3.41	3.34	3.35	3.45	3.67	3.67	3.64	3.66	3.65	3.65	3.56	1983
1984	3.60	3.47	3.34	3.32	3.43	3.61	3.80	3.75	3.55	3.47	3.50	3.46	3.53	1984
1985	3.42	3.37	3.27	3.28	3.71	3.85	3.94	3.91	3.84	3.83	3.76	3.74	3.66	1985
1986	3.67	3.55	3.34	3.43	3.78	3.78	3.81	3.75	3.63	3.53	3.42	3.39	3.52	1986
1987	3.31	3.24	3.18	3.19	3.21	3.33	3.30	3.32	3.29	3.33	3.30	3.24	3.27	1987
1988	3.15	3.07	3.00	3.08	3.16	3.20	3.23	3.20	3.44	3.67	3.64	3.65	3.29	1988
1989	3.67	3.65	3.51	3.48	3.69	3.87	3.90	3.77	3.64	3.48	3.39	3.31	3.61	1989
1990	3.23	3.17	3.16	3.20	3.31	3.61	3.76	3.66	3.51	3.40	3.33	3.28	3.38	1990
MEAN	3.37	3.31	3.20	3.07	3.32	3.72	3.88	3.60	3.48	3.57	3.49	3.49	3.54	MEAN

LOCATION - LAT 49 45 44 N
LONG 094 33 36 W REGULATED SINCE 1900

LAKE OF THE WOODS OUTLET AT MINK CREEK - STATION NO. 05PE005

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1913	---	---	---	---	1913
1914	---	9.06 ON JUL 16	2.69 ON MAR 17	154 000	1914
1915	---	7.93 ON JUN 30	1.78 ON SEP 20	148 000	1915
1916	---	11.8 ON JUN 30 *	3.82 ON DEC 26	195 000	1916
1917	---	---	---	---	1917
1972	---	3.14 ON JAN 25	1.42E ON MAR 21	82 800	1972
1973	---	3.79 ON OCT 29	1.65 ON JUL 06	91 100	1973
1974	---	3.96 ON JUN 27	3.20 ON APR 10	115 000	1974
1975	---	3.96 ON JUL 02	2.94 ON APR 13	111 000	1975
1976	---	3.45 ON JUL 03	0 ON OCT 27 *	88 800	1976
1977	---	3.74 ON NOV 22	1.13 ON MAY 28	58 900	1977
1978	---	3.94 ON JUL 28	3.03 ON MAR 31	113 000	1978
1979	---	3.82 ON JUL 02	3.06 ON APR 10	108 000	1979
1980	---	3.28 ON JAN 01	2.94 ON SEP 13	98 400	1980
1981	---	3.58 ON JUL 07	2.72 ON MAR 23	101 000	1981
1982	---	4.00 ON JUL 10	3.06 ON MAR 20	113 000	1982
1983	---	3.78 ON JAN 01	3.30 ON MAY 12	112 000	1983
1984	---	3.84 ON JUL 18	3.26 ON MAR 28	112 000	1984
1985	---	4.00 ON JUL 06	3.22 ON APR 12	116 000	1985
1986	3.88 AT 02:17 CST ON JUN 03	3.84 ON JUN 02	3.25 ON MAR 28	113 000	1986
1987	3.45 AT 03:27 CST ON AUG 06	3.41 ON OCT 25	3.08 ON MAY 21	103 000	1987
1988	3.77 AT 14:23 CST ON OCT 20	3.74 ON OCT 20	2.98 ON MAR 07	104 000	1988
1989	3.97 AT 04:55 CST ON JUL 08 *	3.96 ON JUL 08	3.27 ON DEC 28	114 000	1989
1990	3.82 AT 04:20 CST ON JUL 07	3.80 ON JUL 07	3.13 ON MAR 08	107 000	1990
	E - ESTIMATED	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		112 000	MEAN

LAKE OF THE WOODS WESTERN OUTLET AT NORMAN DAM AND POWERHOUSE - STATION NO. 05PE011

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1913	---	---	---	---	453	491	367	377	314	156	157	157	---	1913
1914	157	168	221	225	302	464	510	436	305	255	212	210	290	1914
1915	216	217	212	343	459	505	655	518	290	206	195	197	335	1915
1916	198	314	362	454	820	993	1 040	921	737	626	485	402	614	1916
1917	360	461	510	493	277	185	123	140	136	126	122	121	253	1917
1918	116	120	232	142	123	130	135	139	143	136	134	129	140	1918
1919	131	133	333	433	248	257	757	705	471	399	256	204	363	1919
1920	213	281	413	473	578	540	495	323	251	170	134	133	334	1920
1921	169	167	175	524	561	339	235	194	178	171	165	152	253	1921
1922	158	161	159	387	629	615	402	343	262	163	133	117	295	1922
1923	128	124	268	454	289	184	195	174	148	128	124	117	195	1923
1924	111	106	103	106	104	111	117	118	116	106	98.9	99.8	108	1924
1925	76.6	0.228	0	0	0	0	0	0	0	0	0	0	6.52	1925
1926	0	0	43.1	125	147	128	272	140	98.7	403	464	292	177	1926
1927	297	380	416	659	1 140	1 240	1 230	866	282	136	167	175	584	1927
1928	172	225	253	277	184	307	466	174	134	449	390	317	279	1928
1929	293	314	392	291	189	141	119	151	185	180	192	180	218	1929
1930	191	185	177	179	160	151	147	148	131	99.9	83.7	91.7	145	1930
1931	33.9	35.8	36.1	61.3	11.8	1.70	1.70	1.70	1.70	1.70	1.70	25.0	17.7	1931
1932	34.4	21.3	1.70	14.7	57.5	46.2	80.6	74.3	112	162	153	135	74.6	1932
1933	138	164	280	493	245	85.4	103	153	139	132	157	174	188	1933
1934	186	179	199	178	180	153	142	127	117	163	158	173	163	1934
1935	136	126	141	150	154	147	351	158	160	156	154	167	167	1935
1936	196	250	286	179	175	178	165	177	163	170	163	173	189	1936
1937	147	145	153	180	167	165	302	489	267	189	182	192	215	1937
1938	148	133	134	166	995	1 180	755	133	157	165	170	171	360	1938
1939	169	161	199	211	179	187	165	165	143	141	162	149	169	1939
1940	157	155	175	190	187	155	142	128	124	122	126	117	148	1940
1941	119	128	151	150	141	111	142	186	312	1 120	956	531	339	1941
1942	318	202	177	176	235	268	174	155	437	189	183	173	224	1942
1943	177	225	243	184	530	1 090	1 050	238	178	188	189	186	375	1943
1944	183	194	193	191	169	919	876	940	940	175	252	424	455	1944
1945	339	289	276	704	937	395	187	152	165	179	190	147	330	1945
1946	164	178	188	415	565	207	187	180	145	170	194	181	232	1946
1947	205	263	309	306	299	936	727	284	199	246	201	199	348	1947
1948	206	216	273	419	848	259	198	203	195	204	207	167	283	1948
1949	176	187	185	184	170	144	145	157	188	190	200	191	176	1949
1950	197	212	217	218	1 010	1 320	1 410	1 370	1 050	427	261	377	676	1950
1951	365	366	356	357	828	554	258	175	179	198	226	365	352	1951
1952	413	363	359	279	145	116	177	192	175	158	163	182	228	1952
1953	166	141	172	127	92.2	55.6	182	187	186	186	180	169	155	1953
1954	165	174	258	300	796	1 130	577	176	182	181	177	138	355	1954
1955	143	147	143	109	104	40.6	128	151	137	104	146	178	127	1955
1956	185	319	461	576	386	481	263	226	182	181	171	201	302	1956
1957	281	234	169	119	143	129	572	173	124	176	202	229	213	1957
1958	233	200	194	147	143	118	88.7	73.6	129	80.8	72.0	82.4	130	1958
1959	96.1	122	116	124	75.0	68.7	66.9	99.5	111	180	180	209	121	1959
1960	204	196	194	158	149	149	132	144	149	128	122	113	153	1960
1961	101	100	119	79.0	82.0	88.0	92.2	115	118	132	146	192	114	1961
1962	190	222	214	185	148	1 090	641	1 050	618	389	215	237	434	1962
1963	217	185	171	158	170	211	352	399	214	235	242	253	252	1963
1964	236	243	195	182	146	269	751	249	422	941	479	298	369	1964
1965	314	348	412	461	464	824	532	207	209	487	768	409	453	1965
1966	481	531	661	922	1 200	1 230	772	251	248	266	279	256	591	1966
1967	244	243	268	205	190	239	321	225	231	246	247	247	242	1967
1968	347	446	433	169	141	580	987	719	664	629	809	548	493	1968
1969	558	699	712	578	312	666	333	462	389	343	381	464	490	1969
1970	471	476	474	388	625	1 180	1 050	276	297	289	461	615	550	1970
1971	667	657	604	496	284	257	208	230	182	204	923	873	464	1971
1972	693	592	652	694	396	215	160	161	245	255	272	278	384	1972
1973	310	334	278	132	85.4	85.9	39.7	31.0	139	284	530	433	223	1973
1974	427	437	419	430	752	1 140	896	235	266	309	373	417	509	1974
1975	418	500	541	476	337	264	636	275	188	181	231	290	361	1975
1976	337	344	338	300	207	141	139	138	137	108	93.5	134	201	1976
1977	177	190	130	45.0	33.2	27.9	27.8	27.7	138	609	794	834	250	1977
1978	648	562	563	442	191	463	597	352	569	349	339	338	450	1978
1979	328	317	308	350	785	754	367	236	233	226	222	222	362	1979
1980	242	281	335	264	90.3	47.5	46.7	47.2	47.2	48.9	143	266	155	1980
1981	248	276	217	152	59.3	140	218	126	156	192	212	234	187	1981
1982	445	539	427	419	274	588	358	352	257	332	465	622	363	1982
1983	347	518	462	385	194	107	193	201	208	255	323	333	313	1983
1984	411	422	418	289	251	304	328	253	211	191	221	234	294	1984
1985	235	290	310	286	628	879	1 030	482	589	810	667	441	555	1985
1986	431	492	541	352	781	521	271	254	206	266	264	263	385	1986
1987	261	259	257	231	42.7	35.3	11.0	46.6	39.9	88.4	180	226	139	1987
1988	236	242	169	66.0	39.2	16.1	11.0	11.0	100	254	259	264	139	1988
1989	267	375	397	387	288	624	1 030	368	268	237	220	260	394	1989
1990	259	239	210	183	156	312	543	230	137	85.1	129	172	221	1990
MEAN	251	260	277	287	335	396	384	269	239	246	260	252	288	MEAN

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LONG 094 31 25 W REGULATED

LAKE OF THE WOODS WESTERN OUTLET AT NORMAN DAM AND POWERHOUSE - STATION NO. 05PE011

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1913	---	---	---	---	1913
1914	---	527 ON JUN 24	153 ON FEB 01	9 130 000	1914
1915	---	688 ON JUL 29	187 ON NOV 23	10 600 000	1915
1916	---	1 070 ON JUN 30	187 ON JAN 21	19 400 000	1916
1917	---	547 ON MAR 14	112 ON JUN 21	7 980 000	1917
1918	---	396 ON MAR 28	108 ON FEB 18	4 420 000	1918
1919	---	821 ON JUL 07	129 ON JAN 01	11 400 000	1919
1920	---	597 ON MAY 05	126 ON DEC 21	10 600 000	1920
1921	---	603 ON APR 19	148 ON DEC 27	7 970 000	1921
1922	---	643 ON MAY 18	124 ON NOV 29	9 310 000	1922
1923	---	547 ON APR 05	111 ON DEC 18	6 140 000	1923
1924	---	141 ON JUL 06	94.3 ON NOV 25	3 420 000	1924
1925	---	96.6 ON JAN 01	0 ON MAR 01 *	206 000	1925
1926	---	640 ON OCT 23	0 ON JAN 01	5 590 000	1926
1927	---	1 260 ON JUN 08	1.70 ON DEC 25	18 400 000	1927
1928	---	725 ON JUN 26	1.70 ON JUN 17	8 830 000	1928
1929	---	453 ON MAR 14	6.34 ON JUL 21	6 880 000	1929
1930	---	243 ON FEB 22	1.64 ON SEP 14	4 570 000	1930
1931	---	186 ON APR 01	1.70 ON JAN 03	558 000	1931
1932	---	220 ON NOV 16	1.70 ON FEB 16	2 360 000	1932
1933	---	629 ON MAY 02	1.70 ON MAY 26	5 940 000	1933
1934	---	214 ON DEC 01	1.70 ON JAN 14	5 140 000	1934
1935	---	564 ON JUL 24	1.70 ON JAN 05	5 270 000	1935
1936	---	379 ON MAR 03	1.70 ON APR 05	5 990 000	1936
1937	---	530 ON JUL 26	1.70 ON JAN 23	6 780 000	1937
1938	---	1 210 ON MAY 22	1.70 ON JAN 09	11 400 000	1938
1939	---	292 ON APR 03	1.70 ON JAN 01	5 340 000	1939
1940	---	213 ON MAR 20	1.70 ON JAN 06	4 680 000	1940
1941	---	1 230 ON OCT 14	5.10 ON JUL 01	10 700 000	1941
1942	---	575 ON SEP 15	1.70 ON JUN 29	7 050 000	1942
1943	---	1 230 ON JUL 02	1.70 ON JAN 01	11 800 000	1943
1944	---	1 220 ON AUG 27	1.70 ON JAN 01	14 400 000	1944
1945	---	1 160 ON APR 26	1.70 ON JUL 15	10 400 000	1945
1946	---	711 ON MAY 27	1.70 ON JUN 30	7 300 000	1946
1947	---	1 230 ON JUN 20	1.70 ON JAN 01	11 000 000	1947
1948	---	1 150 ON MAY 10	1.70 ON SEP 06	8 930 000	1948
1949	---	219 ON JUL 02	1.70 ON APR 24	5 560 000	1949
1950	---	1 430 ON JUL 22 *	103 ON NOV 19	21 300 000	1950
1951	---	861 ON MAY 10	36.2 ON OCT 07	11 100 000	1951
1952	---	476 ON JAN 05	1.70 ON JUL 01	7 230 000	1952
1953	---	219 ON SEP 12	1.70 ON JAN 01	4 880 000	1953
1954	---	1 180 ON JUN 08	1.70 ON SEP 06	11 200 000	1954
1955	---	209 ON DEC 30	1.70 ON JAN 01	4 020 000	1955
1956	---	629 ON MAY 08	9.91 ON SEP 03	9 560 000	1956
1957	---	688 ON AUG 01	1.70 ON JUN 02	6 720 000	1957
1958	---	243 ON JAN 03	1.70 ON JUL 14	4 090 000	1958
1959	---	238 ON NOV 11	1.70 ON JAN 11	3 800 000	1959
1960	---	227 ON JAN 08	1.70 ON APR 17	4 840 000	1960
1961	---	223 ON DEC 12	1.70 ON JAN 08	3 590 000	1961
1962	---	1 240 ON AUG 23	1.70 ON MAY 05	13 700 000	1962
1963	---	586 ON JUN 29	1.70 ON APR 28	7 310 000	1963
1964	---	1 210 ON OCT 06	20.8 ON MAY 31	11 700 000	1964
1965	---	977 ON OCT 21	55.5 ON AUG 29	14 300 000	1965
1966	---	1 250 ON MAY 24	142 ON AUG 21	18 600 000	1966
1967	---	399 ON JUL 07	121 ON SEP 04	7 640 000	1967
1968	---	1 210 ON JUL 22	96.0 ON APR 14	15 600 000	1968
1969	---	835 ON JUN 13	112 ON MAY 26	13 400 000	1969
1970	---	1 250 ON JUL 01	143 ON SEP 07	17 300 000	1970
1971	---	1 150 ON NOV 25	142 ON SEP 06	14 600 000	1971
1972	---	716 ON MAR 17	94.3 ON JUL 01	12 100 000	1972
1973	---	549 ON NOV 10	1.98 ON JUL 10	7 020 000	1973
1974	---	1 210 ON JUN 27	202 ON AUG 15	16 000 000	1974
1975	---	1 020 ON JUL 12	155 ON SEP 01	11 400 000	1975
1976	---	362 ON FEB 19	90.6 ON OCT 13	6 360 000	1976
1977	---	1 020 ON NOV 29	25.7 ON MAY 13	7 980 000	1977
1978	---	773 ON JUL 04	139 ON MAY 19	14 200 000	1978
1979	---	861 ON JUN 06	210 ON NOV 12	11 400 000	1979
1980	---	340 ON FEB 19	26.8 ON JUL 01	4 890 000	1980
1981	---	298 ON JAN 29	47.6 ON MAY 12	5 910 000	1981
1982	---	641 ON DEC 03	170 ON APR 11	11 500 000	1982
1983	---	621 ON JAN 01	97.0 ON JUN 06	9 860 000	1983
1984	---	434 ON MAR 23	175 ON OCT 26	9 300 000	1984
1985	---	1 110 ON JUL 03	228 ON APR 19	17 500 000	1985
1986	---	902 ON JUN 02	198 ON SEP 01	12 100 000	1986
1987	---	262 ON JAN 01	11.0 ON JUN 16	4 380 000	1987
1988	---	268 ON DEC 21	11.0 ON JUN 07	4 390 000	1988
1989	---	1 140 ON JUL 08	161 ON NOV 05	12 400 000	1989
1990	---	582 ON JUL 07	84.7 ON OCT 27	6 980 000	1990
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		9 090 000	MEAN

LAKE ST. JOSEPH DIVERSION AT ROOT PORTAGE - STATION NO. 05QB006

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1957	0	0	0	0	0	0	0	0	14.9	23.8	121	94.6	21.2	1957
1958	57.1	19.8	26.6	59.7	75.3	89.8	97.2	103	103	113	122	120	82.5	1958
1959	109	97.9	86.8	81.3	91.3	47.0	0	5.04	0.697	151	162	145	81.4	1959
1960	123	105	87.2	77.4	85.3	117	134	124	114	97.0	97.6	90.0	104	1960
1961	80.1	71.4	64.3	58.8	66.7	79.9	74.8	64.0	52.9	44.1	37.5	35.8	60.8	1961
1962	30.5	28.6	29.2	30.4	43.0	74.8	86.6	2.37	0	67.5	152	136	56.9	1962
1963	120	105	91.6	83.7	80.7	56.3	0	0	0	151	134	110	78.3	1963
1964	91.7	78.7	67.7	58.8	84.5	117	21.1	38.3	14.6	0	0	0	47.5	1964
1965	59.1	120	101	90.6	106	134	37.2	120	170	120	0	0	87.8	1965
1966	0	0	0	0	0	0	0	52.1	136	122	103	89.2	42.8	1966
1967	77.9	69.5	61.7	59.1	76.4	105	117	122	112	94.2	81.8	71.9	87.6	1967
1968	65.1	59.1	54.2	56.4	84.3	73.9	0	0	0	0	0	0	32.6	1968
1969	0	0	57.7	104	116	147	181	106	0	0	0	0	59.7	1969
1970	0	0	113	111	112	128	93.7	52.5	173	170	5.77	0	80.3	1970
1971	0	0	78.7	130	146	152	143	134	116	111	36.4	0	87.7	1971
1972	0	0	0	58.9	138	137	126	120	122	135	139	121	91.7	1972
1973	107	94.5	84.7	77.0	84.5	85.5	99.6	117	129	132	134	130	106	1973
1974	119	103	93.2	84.8	92.1	0	0	0	0	120	170	157	78.3	1974
1975	131	110	95.1	82.1	101	125	125	127	124	109	98.2	86.5	110	1975
1976	76.2	66.7	58.3	63.2	77.9	73.5	73.1	64.8	56.2	48.3	42.1	36.9	61.4	1976
1977	32.0	31.9	30.7	31.4	44.0	51.7	65.3	69.6	83.0	59.8	0	0	41.7	1977
1978	67.6	134	106	87.2	98.0	37.5	57.0	39.6	109	163	135	115	102	1978
1979	96.2	83.9	74.4	67.9	94.5	118	122	69.8	130	137	156	154	109	1979
1980	137	118	98.8	86.1	95.1	91.8	81.0	71.9	70.7	73.1	72.0	67.4	88.5	1980
1981	63.4	59.4	53.6	51.2	55.5	59.0	60.2	55.3	46.7	40.5	39.1	41.3	52.0	1981
1982	40.4	43.1	45.0	45.7	74.8	92.2	4.54	132	86.7	146	122	72.9	75.6	1982
1983	61.9	60.2	57.3	54.2	55.1	52.9	57.2	59.7	59.1	65.6	88.8	73.4	62.1	1983
1984	68.8	62.6	55.6	54.4	72.8	104	52.4	31.8	103	112	97.0	90.3	73.6	1984
1985	83.9R	75.4	67.0	66.7	139	179	0	0	0	0	0	49.0R	54.8 R	1985
1986	96.6	82.2R	70.6	68.2	15.3	77.3	120	96.2	77.7	72.1	70.4	70.8	76.4 R	1986
1987	67.9	64.0	60.1	60.7	67.7	77.7	77.9	73.5	68.7	58.2	51.5	46.2R	64.6 R	1987
1988	40.2	36.7	35.2	34.2	40.9	45.0	53.7	62.7	65.6	74.8	81.0	80.5	54.2	1988
1989	77.0	69.7	63.0	56.7	58.4	30.3	1.80	68.9	97.6	141	114	95.9	72.9	1989
1990	82.9	72.9	64.2	58.9	78.2	90.8	35.7	105	27.4	155	120	99.3	82.7	1990
MEAN	66.5R	62.4R	62.7	64.4	78.2	83.8	64.1	67.6	74.8	91.4	81.8	73.0R	72.6 R	MEAN

LOCATION - LAT 30 52 10 N
LONG 091 27 30 W
REGULATED

DATA CONTRIBUTED BY - ONTARIO HYDRO

R - REVISED SINCE JAN 01 1989

REMARKS - LAKE ST. JOSEPH HAS TWO OUTLETS. THIS DIVERSION CONTRIBUTES FLOW TO THE ENGLISH RIVER SYSTEM

LAKE ST. JOSEPH DIVERSION AT ROOT PORTAGE - STATION NO. 05QB006

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1957	---	146 ON SEP 21	0 ON JAN 01 *	670 000	1957
1958	---	125 ON NOV 08	16.5 ON MAR 23	2 600 000	1958
1959	---	176 ON OCT 10	0 ON JUN 06	2 570 000	1959
1960	---	137 ON JUL 13	7.08 ON JUN 02	3 300 000	1960
1961	---	85.0 ON JAN 01	5.89 ON MAY 26	1 920 000	1961
1962	---	180 ON OCT 21	0 ON MAY 31	1 790 000	1962
1963	---	191 ON OCT 06	0 ON JUN 16	2 470 000	1963
1964	---	150 ON AUG 30	0 ON JUL 18	1 500 000	1964
1965	---	196 ON AUG 13	0 ON JAN 01	2 770 000	1965
1966	---	163 ON AUG 21	0 ON JAN 01	1 350 000	1966
1967	---	127 ON AUG 17	56.6 ON APR 12	2 760 000	1967
1968	---	133 ON JUN 16	0 ON JUN 20	1 030 000	1968
1969	---	189 ON AUG 09	0 ON JAN 01	1 880 000	1969
1970	---	181 ON AUG 17	0 ON JAN 01	2 530 000	1970
1971	---	159 ON MAY 24	0 ON JAN 01	2 770 000	1971
1972	---	148 ON MAY 28	0 ON JAN 01	2 900 000	1972
1973	---	138 ON OCT 23	73.3 ON APR 13	3 350 000	1973
1974	---	193 ON NOV 08	0 ON MAY 27	2 470 000	1974
1975	---	142 ON JAN 01	78.4 ON APR 21	3 450 000	1975
1976	---	83.5 ON JUN 23	5.04 ON JUN 03	1 940 000	1976
1977	---	93.4 ON OCT 11	0 ON OCT 22	1 320 000	1977
1978	---	200 ON AUG 29	0 ON JAN 01	3 220 000	1978
1979	---	160 ON NOV 26	0 ON AUG 10	3 430 000	1979
1980	---	146 ON JAN 01	63.3 ON DEC 30	2 800 000	1980
1981	---	65.6 ON JAN 07	35.5 ON NOV 09	1 640 000	1981
1982	---	192 ON AUG 09	0 ON JUN 26	2 360 000	1982
1983	---	96.0 ON OCT 26	50.7 ON JUN 22	1 960 000	1983
1984	---	141 ON SEP 14	12.7 ON AUG 29	2 330 000	1984
1985	---	205 ON JUN 28 *	0 ON JUL 01	1 730 000	1985
1986	---	138 ON JUN 23	0 ON MAY 10	2 410 000	1986
1987	---	81.4 ON JUN 21	43.1 R ON DEC 26	2 040 000	1987
1988	---	83.5 ON NOV 16	33.1 ON APR 10	1 710 000	1988
1989	---	162 ON SEP 30	0 ON JUL 05	2 300 000	1989
1990	---	183 ON SEP 28	0 ON AUG 24	2 610 000	1990
				2 290 000	MEAN

* - EXTREME RECORDED FOR THE PERIOD OF RECORD
R - REVISED SINCE JAN 01 1989

LAKE ST. JOSEPH OUTFLOW TO ALBANY RIVER - STATION NO. 04GA001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1935	---	---	34.2	41.1	62.4	54.4	39.1	92.1	160	165	169	151	---	1935
1936	112	82.2	65.9	70.7	124	129	38.1	39.6	35.7	33.8	40.5	43.1	67.8	1936
1937	43.1	42.9	43.5	44.5	90.1	239	100	82.8	58.6	49.4	62.2	52.5	75.7	1937
1938	47.9	61.4	76.4	86.0	169	173	146	108	125	53.9	52.2	53.6	95.8	1938
1939	54.9	57.9	58.1	58.1	57.7	77.6	229	58.6	60.4	121	78.5	87.3	83.6	1939
1940	58.4	62.2	58.2	61.8	62.1	62.9	59.2	55.1	28.4	31.0	21.7	18.7	48.3	1940
1941	21.4	57.7	60.0	60.5	60.8	61.3	71.4	34.8	137	264	135	104	89.1	1941
1942	76.8	68.2	61.8	56.4	59.3	33.5	34.0	75.5	264	160	73.4	77.4	87.0	1942
1943	77.3	75.2	62.9	56.4	57.2	107	165	133	111	150	92.6	99.0	98.3	1943
1944	97.9	72.9	43.7	34.3	15.6	180	86.0	102	55.0	51.3	42.0	79.4	71.6	1944
1945	60.3	46.9	54.8	100	87.7	98.7	167	43.7	63.5	69.5	52.8	55.5	75.2	1945
1946	53.4	55.4	55.3	53.7	251	250	250	177	45.5	50.3	83.1	104	120	1946
1947	89.6	66.2	66.2	68.9	66.4	237	192	108	67.0	42.5	49.3	55.1	94.0	1947
1948	56.6	60.7	63.0	60.5	62.9	60.2	154	83.6	69.0	53.6	54.3	50.4	69.8	1948
1949	49.6	45.7	51.0	59.6	53.7	55.0	49.4	77.1	68.8	48.5	133	129	68.4	1949
1950	96.6	92.9	108	103	126	317	371	200	79.3	85.4	113	122	152	1950
1951	102	110	90.2	74.2	65.8	84.9	145	48.4	34.0	53.7	62.2	62.0	77.5	1951
1952	61.6	61.7	60.6	60.3	60.3	60.0	241	99.9	33.2	50.4	79.8	72.4	78.7	1952
1953	70.1	74.0	74.1	100	76.1	193	387	149	54.2	57.2	57.5	57.5	113	1953
1954	56.7	51.5	98.7	130	217	401	160	87.6	51.4	48.6	54.6	107	122	1954
1955	94.6	75.3	102	117	51.0	160	106	49.6	51.7	50.9	52.1	53.8	80.2	1955
1956	50.6	71.0	115	107	84.7	245	132	55.9	47.8	41.1	32.4	50.3	86.0	1956
1957	51.9	49.4	50.9	50.5	52.3	120	168	57.9	38.8	38.3	35.3	29.1	62.0	1957
1958	19.8	16.5	16.9	10.1	0	0	0.842	0	0.193	0.256	0	1.41	5.44	1958
1959	2.41	2.41	2.28	0.425	0.425	305	351	245	189	3.38	0.926	2.41	92.4	1959
1960	2.41	2.41	1.88	1.11	0.425	0.425	0.425	0.425	2.15	0.747	0.425	0.425	1.10	1960
1961	0.635	1.84	1.36	0.425	0.424	0.517	1.38	0.425	0.680	0.425	0.425	0.754	0.768	1961
1962	0.850	0.850	0.802	0.425	0.744	3.74	1.17	4.09	109	58.8	1.02	0.425	15.1	1962
1963	1.48	2.41	1.99	0.425	0.726	0.425	117	154	80.0	1.42	1.02	1.66	30.5	1963
1964	2.88	2.83	2.83	1.81	0.594	0.425	0.425	0.425	99.8	300	227	61.6	58.4	1964
1965	26.0	90.3	0.850	0.850	0.507	0.425	5.85	28.7	1.42	1.42	74.2	162	31.6	1965
1966	128	78.5	76.5	101	148	322	262	52.1	1.42	1.42	1.42	1.42	98.0	1966
1967	1.42	1.42	1.42	1.42	1.42	1.42	1.42	1.42	1.42	1.42	1.42	1.42	1.42	1967
1968	1.42	1.42	1.42	1.42	1.42	1.42	223	179	267	165	257	244	113	1968
1969	70.5	84.5	102	1.42	1.42	1.42	10.1	95.8	123	299	215	169	98.0	1969
1970	100	14.1	1.42	1.42	1.42	1.42	1.42	0.495	0	2.72	107	115	29.0	1970
1971	114	107	51.6	0	0	0	0	0	0	0	0	52.3	26.7	1971
1972	77.6	77.1	75.2	66.1	0	0	0	0	0	0	0	0	24.5	1972
1973	0	0	0	0	0	0	0	0	0	0	0	0	0	1973
1974	0	0	0	0	8.61	433	329	50.0	204	29.4	3.06	0	88.0	1974
1975	0	0	0	0	0	0	0	0	0	0	0	0	0	1975
1976	0	0	0	0	0	0	0	0	0	0	0	0	0	1976
1977	0	0	0	0	0	0	0	0	0	0	0	0	0	1977
1978	0	0	0	0	0	0	118	130	0.400	0	0	0	21.1	1978
1979	0	0	0	0	0	0	0	0	0	0	0	0	0	1979
1980	0	0	0	0	0	0	0	0	0	0	0	0	0	1980
1981	0	0	0	0	0	0	0	0	0	0	0	0	0	1981
1982	0	0	0	0	0	0	0	0	0	0	0	0	0	1982
1983	0	0	0	0	0	0	0	0	0	0	0	0	0	1983
1984	0	0	0	0	0	0	0	0	0	0	0	0	0	1984
1985	0	0	0	0	4.87	15.7	315	181	183	205	195	166	106	1985
1986	36.0 R	0	0	0	0	27.0	0	0	0	0	0	0	5.27 R	1986
1987	0	0	0	0	0	0	0	0	0	0	0	0	0	1987
1988	0	0	0	0	0	0	0	0	0	0	0	0	0	1988
1989	0	0	0	0	0	0	0	2.55	3.50	3.04	2.79	2.40	1.20	1989
1990	0	0	0	0	0	0	0	0	0	0	0	0	0	1990
MEAN	37.5 R	34.8	33.9	32.9	38.1	80.6	93.4	56.2	54.4	50.8	49.0	48.2	50.2 R	MEAN

LOCATION - LAT
LONG

N
W

REGULATED SINCE 1958

R - REVISED SINCE JAN 01 1989

REMARKS - FORMERLY CALLED "ALBANY RIVER AT OUTLET OF LAKE ST. JOSEPH". SUM OF FLOWS THROUGH CEDAR AND RAT RAPIDS DAMS

LAKE ST. JOSEPH OUTFLOW TO ALBANY RIVER - STATION NO. 04GA001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1935	---	200 ON JUN 23	---	---	1935
1936	---	175 ON JUN 04	26.6 ON OCT 07	2 140 000	1936
1937	---	259 ON JUN 07	33.7 ON DEC 25	2 390 000	1937
1938	---	227 ON JUN 23	34.8 ON DEC 25	3 020 000	1938
1939	---	311 ON JUL 12	40.8 ON SEP 04	2 640 000	1939
1940	---	65.7 ON FEB 19	13.6 ON SEP 15	1 530 000	1940
1941	---	297 ON SEP 28	14.5 ON JAN 05	2 810 000	1941
1942	---	340 ON SEP 12	23.9 ON JUL 26	2 740 000	1942
1943	---	183 ON JUL 14	27.8 ON MAY 23	3 100 000	1943
1944	---	223 ON JUN 19	2.83 ON MAY 13	2 260 000	1944
1945	---	259 ON JUL 12	14.2 ON AUG 11	2 370 000	1945
1946	---	309 ON MAY 17	0 ON OCT 09 *	3 780 000	1946
1947	---	309 ON JUN 16	26.6 ON OCT 20	2 960 000	1947
1948	---	415 ON JUL 10	38.5 ON NOV 02	3 210 000	1948
1949	---	164 ON NOV 16	5.66 ON OCT 03	2 160 000	1949
1950	---	388 ON JUL 17	54.6 ON SEP 07	4 780 000	1950
1951	---	182 ON JUL 10	26.0 ON AUG 13	2 440 000	1951
1952	---	309 ON JUL 25	2.83 ON SEP 20	2 490 000	1952
1953	---	419 ON JUL 10	29.1 ON AUG 18	3 560 000	1953
1954	---	422 ON JUN 09	22.7 ON SEP 30	3 850 000	1954
1955	---	266 ON JUN 09	45.9 ON MAY 06	2 530 000	1955
1956	---	314 ON JUN 05	1.42 ON OCT 03	4 720 000	1956
1957	---	263 ON JUN 30	17.0 ON SEP 08	1 960 000	1957
1958	---	27.3 ON APR 15	0 ON APR 21	171 000	1958
1959	---	518 ON AUG 26	0.425 ON MAR 25	2 910 000	1959
1960	---	21.8 ON SEP 21	0.425 ON APR 16	34 700	1960
1961	---	20.0 ON JUL 23	0.396 ON MAY 04	24 200	1961
1962	---	149 ON SEP 17	0.425 ON MAR 29	477 000	1962
1963	---	181 ON JUL 24	0.425 ON JAN 01	962 000	1963
1964	---	345 ON OCT 06	0.425 ON MAY 13	1 850 000	1964
1965	---	172 ON DEC 04	0.425 ON MAY 07	996 000	1965
1966	---	391 ON JUN 10	1.42 ON AUG 11	3 090 000	1966
1967	---	1.42 ON JAN 01	1.42 ON JAN 01	44 800	1967
1968	---	294 ON NOV 15	1.42 ON JAN 01	3 570 000	1968
1969	---	379 ON OCT 12	1.42 ON JAN 15	3 090 000	1969
1970	---	121 ON JAN 01	0 ON AUG 13	916 000	1970
1971	---	116 ON JAN 02	0 ON MAR 17	842 000	1971
1972	---	146 ON APR 11	0 ON APR 20	774 000	1972
1973	---	0 ON JAN 01	0 ON JAN 01	0	1973
1974	---	541 ON JUN 12 *	0 ON JAN 01	2 780 000	1974
1975	---	0 ON JAN 01	0 ON JAN 01	0	1975
1976	---	0 ON JAN 01	0 ON JAN 01	0	1976
1977	---	0 ON JAN 01	0 ON JAN 01	0	1977
1978	---	163 ON AUG 08	0 ON JAN 01	665 000	1978
1979	---	0 ON JAN 01	0 ON JAN 01	0	1979
1980	---	0 ON JAN 01	0 ON JAN 01	0	1980
1981	---	0 ON JAN 01	0 ON JAN 01	0	1981
1982	---	0 ON JAN 01	0 ON JAN 01	0	1982
1983	---	0 ON JAN 01	0 ON JAN 01	0	1983
1984	---	0 ON JAN 01	0 ON JAN 01	0	1984
1985	---	417 ON JUL 06	0 ON JAN 01	3 360 000	1985
1986	---	140 ON JAN 01	0 ON JAN 11	186 000	1986
1987	---	0 ON JAN 01	0 ON JAN 01	0	1987
1988	---	0 ON JAN 01	0 ON JAN 01	0	1988
1989	---	3.60 ON AUG 21	0 ON JAN 01	37 700	1989
1990	---	0 ON JAN 01	0 ON JAN 01	0	1990
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		1 590 000	MEAN

LARDER RIVER ABOVE RAVEN LAKE - STATION NO. 02JC010

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1981	---	---	---	---	---	---	---	---	---	---	0.239	0.248	---	1981
1982	0.340	0.564	1.18	4.95	13.0	2.79	0.484	0.416	0.343	0.570	2.49	2.89	2.51	1982
1984	0.650	0.795	1.35	12.1	8.71	2.33	5.68	2.11	0.963	0.881	1.57	2.75	3.33	1984
1985	2.42	1.76	2.06	7.06	11.7	1.28	1.14	2.81	1.50	1.18	1.82	2.30	3.10	1985
1986	1.50	1.12	1.91	9.22	8.44	1.75	0.879	0.952	1.37	2.00	2.30	2.08	2.80	1986
1987	1.33	1.32	1.30	7.58	4.10	4.66	3.59	1.88	0.623	0.773	0.668	1.05	2.42	1987
1988	1.90	1.54	4.87	13.8	6.11	1.89	1.34	1.52	1.37	3.46	6.15	4.28	3.99	1988
1989	2.53	1.90	3.25	5.82	13.6	5.44	2.90	2.52	1.12	0.726	1.93	1.99	3.66	1989
1990	1.65	1.65	6.02	9.27	10.0	1.57	1.88	1.69	1.48	3.61	4.36	4.35	3.98	1990
MEAN	1.60	1.38	2.63	8.30	9.85	3.41	2.06	1.61	1.10	1.53	2.21	2.26	3.21	MEAN

LOCATION - LAT 48 01 30 N LONG 079 34 41 W DRAINAGE AREA, 256 km^2 REGULATED

LARDER RIVER ABOVE RAVEN LAKE - STATION NO. 02JC010

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1981	---	---	---	---	1981
1982	22.4 AT 15:07 EST ON MAY 05	21.4 ON MAY 06	0.273 ON OCT 02 *	79 200	1982
1983	20.1 AT 17:44 EST ON MAY 31	19.5 ON JUN 01	0.493 ON JUL 01	96 500	1983
1984	24.0 AT 15:13 EST ON APR 19 *	23.7 ON APR 20 *	0.600B ON JAN 01	105 000	1984
1985	23.1 AT 17:25 EST ON APR 30	22.2 ON MAY 01	0.340 ON JUN 24	97 700	1985
1986	14.8 AT 18:02 EST ON MAY 01	14.3 ON MAY 02	0.702 ON JUL 24	88 200	1986
1987	9.32 AT 12:23 EST ON APR 30	9.12 ON APR 30	0.430E ON SEP 27	76 400	1987
1988	18.9 AT 14:30 EST ON APR 16	18.7 ON APR 16	0.845 ON AUG 02	126 000	1988
1989	15.4 AT 18:33 EST ON MAY 26	15.1 ON MAY 27	0.669 ON OCT 10	115 000	1989
1990	19.7 AT 18:03 EST ON MAR 22	19.0 ON MAR 23	0.864 ON JUN 09	126 000	1990
				101 000	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

LAUREL CREEK AT WATERLOO - STATION NO. 02GA024

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1959	---	---	---	---	---	0.165	0.210	0.098	0.105	0.238	0.367	0.434	---	1959
1960	0.302	0.443	0.700	2.29	0.931	0.382	0.121	0.154	0.092	0.129	0.249	0.138	0.492	1960
1961	0.119	0.907	0.820	0.637	0.428	0.194	0.176	0.134	0.137	0.078	0.301	0.335	0.353	1961
1962	0.268	0.145	1.29	0.326	0.098	0.165	0.118	0.138	0.075	0.202	0.354	0.375	0.311	1962
1963	0.205	0.156	1.32	0.305	0.464	0.085	0.075	0.135	0.088	0.086	0.155	0.044	0.302	1963
1964	0.420	0.227	0.876	0.648	0.299	0.162	0.189	0.441	0.118	0.120	0.144	0.559	0.352	1964
1965	0.532	1.87	0.921	2.37	0.461	0.076	0.139	0.125	0.076	0.490	0.544	0.907	0.699	1965
1966	0.250	0.525	0.911	0.447	0.177	0.220	0.058	0.112	0.044	0.115	0.595	0.951	0.385	1966
1967	0.631	0.367	0.779	1.55	0.271	0.800	0.441	0.228	0.231	0.414	0.943	0.915	0.632	1967
1968	0.311	1.07	1.30	0.343	0.311	0.265	0.118	0.994	0.560	0.440	0.500	0.523	0.551	1968
1969	0.689	0.561	1.07	0.956	0.704	0.240	0.216	0.120	0.337	0.171	0.308	0.436	0.484	1969
1970	0.213	0.236	0.701	0.880	0.315	0.125	0.568	0.150	0.362	0.511	0.487	0.680	0.438	1970
1971	0.215	0.438	0.897	1.33	0.254	---	---	---	---	---	0.362	0.623	---	1971
1972	0.450	0.227	1.04	1.91	0.365	0.455	0.311	0.170	0.207	0.488	0.838	0.702	0.596	1972
1973	0.872	0.511	2.18	0.739	0.601	0.227	0.174	0.231	0.140	0.243	0.636	0.497	0.591	1973
1974	0.829	0.584	1.46	1.05	1.46	0.325	0.228	0.101	0.132	0.418	0.451	0.209	0.606	1974
1975	0.624	0.493	0.833	0.880	0.322	0.441	0.135	1.02	0.450	0.270	0.728	0.565	0.564	1975
1976	0.393	1.22	1.90	0.909	0.622	0.178	0.156	0.163	0.196	0.262	0.635	0.165	0.570	1976
1977	0.100	0.218	1.50	0.646	0.173	0.146	0.233	0.361	0.633	0.774	0.613	0.923	0.530	1977
1978	0.342	0.213	0.808	1.79	0.488	0.067	0.073	0.163	0.339	0.219	0.694	0.353	0.451	1978
1979	0.310	0.137	1.66	1.15	0.555	0.215	0.165	0.127	0.160	0.220	0.871	0.801	0.533	1979
1980	0.401	0.165	1.10	0.836	0.328	0.267	0.159	0.124	0.190	0.235	0.354	0.514	0.390	1980
1981	0.104	1.09	0.543	0.203	0.220	0.168	0.111	0.198	0.408	0.744	0.608	0.227	0.380	1981
1982	0.214	0.149	1.43	1.75	0.118	0.415	0.229	0.499	0.439	0.541	1.13	1.55	0.708	1982
1983	0.487	0.692	0.551	0.771	0.909	0.375	0.206	0.297	0.227	0.315	0.903	0.727	0.537	1983
1984	0.264	1.72	1.14	0.608	0.356	0.472	0.179	0.161	0.381	0.247	0.881	0.698	0.584	1984
1985	0.342	1.18	2.14	1.35	0.119	0.302	0.258	0.499	0.627	0.339	1.26	0.735	0.757	1985
1986	0.478	0.317	1.71	0.350	0.597	0.518	0.298	0.504	1.74	1.55	0.571	0.690	0.779	1986
1987	0.317	0.243	1.14	0.601	0.104	0.116	0.567	0.529	0.302	0.439	0.836	0.800	0.517	1987
1988	0.505	0.574	1.10	0.537	0.209	0.048	0.236	0.157	0.405	0.497	1.07	0.413	0.485	1988
1989	0.698	0.300	1.13	0.595	0.338	0.666	0.064	0.057	0.042	0.186	0.784	0.131	0.415	1989
1990	0.689	0.944	1.13	0.311	0.264	0.170	0.237	0.250	0.284	0.711	0.910	0.967	0.569	1990
MEAN	0.402	0.581	1.17	0.959	0.425	0.273	0.212	0.270	0.307	0.377	0.628	0.581	0.519	MEAN

LOCATION - LAT 43 28 08 N
LONG 080 31 08 W
DRAINAGE AREA, 59.6 km^2
REGULATED

LAUREL CREEK AT WATERLOO - STATION NO. 02GA024

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1959	---	---	---	---	1959
1960	13.6 AT 22:00 EST ON MAR 30	8.72 ON MAR 31	0.011 ON JUL 09	15 600	1960
1961	18.0 AT 09:00 EST ON FEB 23	7.50 ON FEB 23	0.011 ON SEP 29	11 100	1961
1962	10.2 AT 13:00 EST ON JUN 10	3.51 ON MAR 25	0 ON MAY 27 *	9 820	1962
1963	14.0 AT 20:00 EST ON MAR 25	9.63 ON MAR 25	0 ON JUL 07	9 520	1963
1964	17.5 AT 05:20 EST ON AUG 03	4.42 ON DEC 25	0.003 ON OCT 04	11 100	1964
1965	45.0 E AT 17:50 EST ON FEB 10 *	17.4 E ON FEB 10 *	0.006 ON JUN 25	22 000	1965
1966	6.57 AT 19:50 EST ON DEC 07	5.86 ON DEC 07	0 ON OCT 03	12 100	1966
1967	29.7 AT 01:40 EST ON APR 03	12.8 ON APR 03	0.017 ON OCT 05	19 900	1967
1968	37.1 AT 03:15 EST ON AUG 06	13.7 ON AUG 06	0.020 ON APR 03	17 400	1968
1969	7.70 AT 18:05 EST ON JAN 30	4.70 ON JAN 30	0.034 ON AUG 14	15 300	1969
1970	7.79 AT 15:05 EST ON AUG 12	2.13 ON APR 09	0.027 ON JUN 14	13 800	1970
1971	7.28E AT 03:00 EST ON APR 02	5.78E ON APR 02	---	---	1971
1972	13.4 AT 12:01 EST ON JUN 21	6.60 ON APR 13	0.065 ON SEP 21	18 900	1972
1973	10.9 AT 12:55 EST ON MAR 11	5.32 ON MAR 11	0.051 ON SEP 26	18 700	1973
1974	16.2 AT 23:52 EST ON MAY 16	12.3 ON MAY 17	0.045 ON OCT 05	19 100	1974
1975	43.3 AT 04:19 EST ON AUG 24	14.6 ON AUG 24	0.024 ON JUL 06	17 800	1975
1976	17.8 AT 16:01 EST ON JUL 07	4.79 ON MAR 20	0.027 ON OCT 02	18 000	1976
1977	24.6 AT 18:58 EST ON AUG 16	5.72 ON MAR 13	0.034 ON MAY 31	16 700	1977
1978	10.7 AT 09:24 EST ON SEP 17	3.23 ON APR 11	0 ON JUN 03	14 200	1978
1979	12.1 AT 09:30 EST ON APR 14	9.33 ON APR 14	0.035 ON OCT 31	16 800	1979
1980	17.0 AT 13:19 EST ON MAR 21	8.75 ON MAR 21	0.024 ON SEP 29	12 300	1980
1981	---	4.05E ON FEB 18	0.020 ON AUG 01	12 000	1981
1982	27.2 AT 17:55 EST ON SEP 14	10.6 ON MAR 31	0.037 ON MAY 26	22 300	1982
1983	14.0 AT 04:45 EST ON JUL 29	2.59 ON FEB 03	0.034 ON JUL 24	16 900	1983
1984	9.43 AT 03:12 EST ON FEB 14	7.08 ON FEB 14	0.065 ON MAY 16	18 500	1984
1985	15.0 AT 17:06 EST ON FEB 24	9.30 ON FEB 24	0.027 ON MAY 08	23 900	1985
1986	21.4 AT 22:52 EST ON SEP 29	10.8 ON SEP 30	0.025 ON MAY 10	24 600	1986
1987	29.3 AT 18:05 EST ON AUG 07	3.44 ON AUG 02	0.023 ON SEP 26	16 300	1987
1988	34.6 AT 17:40 EST ON JUL 30	5.00E ON MAR 25	0.016 ON AUG 28	15 300	1988
1989	10.6 AT 01:25 EST ON JUN 22	3.74 ON MAR 15	0.014 ON AUG 17	13 100	1989
1990	11.4 AT 23:12 EST ON AUG 27	5.19 ON DEC 29	0.046 ON MAY 11	18 000	1990
	E - ESTIMATED	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		16 400	MEAN

LITTLE CASTOR RIVER NEAR EMBRUN - STATION NO. 02LB016

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1978	1.89	0.665	1.00	9.44	0.617	0.149	0.050	0.028	0.018	0.044	0.033	0.019	1.15	1978
1979	0.057	0.064	4.38	2.40	0.369	0.173	0.058	0.060	0.401	0.348	0.995	2.00	0.949	1979
1980	0.405	0.076	2.80	2.43	0.456	0.089	0.042	0.030	0.052	0.188	0.478	0.776	0.654	1980
1981	0.078	4.97	0.830	0.869	0.651	1.24	1.16	1.22	1.64	1.80	1.44	0.340	1.33	1981
1982	0.200	0.068	1.26	5.80	0.344	0.169	0.086	0.122	0.058	0.072	0.691	2.49	0.947	1982
1983	0.517	0.762	2.28	3.18	1.55	0.194	0.061	0.032	0.023	0.067	1.46	2.11	1.02	1983
MEAN	0.525	1.10	2.09	4.02	0.665	0.336	0.243	0.249	0.365	0.420	0.850	1.29	1.01	MEAN

LOCATION - LAT 45 16 17 N LONG 075 13 06 W
DRAINAGE AREA, 76.1 km^2
NATURAL FLOW

REMARKS - STATION DISCONTINUED DEC 31 1983

LITTLE CASTOR RIVER NEAR EMBRUN - STATION NO. 02LB016

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1978	---	29.7 B ON APR 14	0.004B ON DEC 22 *	36 400	1978
1979	---	28.2 B ON MAR 25	0.025 ON JUL 24	29 900	1979
1980	---	29.7 B ON MAR 22	0.016 ON SEP 08	20 700	1980
1981	---	26.5 B ON FEB 21	0.060B ON JAN 25	41 800	1981
1982	---	41.5 B ON APR 01 *	0.030 ON AUG 17	29 900	1982
1983	11.5 AT 01:48 EST ON APR 11 *	9.23 ON DEC 15	0.014 ON SEP 10	32 200	1983
	B - ICE CONDITIONS	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		31 800	MEAN

LITTLE CURRENT RIVER AT PERCY LAKE - STATION NO. 04JF001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1968	---	---	---	---	---	106	146	144	85.4	58.8	71.0	44.3	---	1968
1969	31.2	23.9	18.5	16.0	134	237	147	108	75.1	67.0	52.6	47.6	80.0	1969
1970	28.5	20.3	15.4	13.2	68.7	109	84.5	43.8	58.1	120	113	52.5	60.8	1970
1971	30.7	22.3	17.7	17.4	133	115	42.3	33.9	31.2	94.0	---	---	---	1971
1972	30.0	21.5	16.6	14.4	102	71.7	42.9	39.7	42.2	59.0	53.0	31.2	43.8	1972
1973	20.9	16.9	13.2	19.5	194	79.8	118	116	58.3	53.4	22.4	33.9	49.7	1973
1974	24.7	20.9	18.7	17.3	168	279	104	66.4	76.0	67.9	54.4	39.7	78.2	1974
1975	29.9	23.9	19.6	17.1	99.0	168	104	47.4	34.2	36.0	46.8	28.2	54.7	1975
1976	19.5	16.1	14.7	26.4	127	66.9	49.9	29.6	26.1	27.9	23.7	17.0	37.2	1976
1977	17.1	13.0	13.6	29.5	126	66.0	123	49.7	69.1	63.7	64.8	41.9	56.9	1977
1978	22.6	15.7	13.8	13.7	76.8	169	90.3	63.0	57.3	50.6	39.6	25.7	53.3	1978
1979	17.2	12.7	12.6	20.9	112	93.9	54.2	37.5	53.1	44.9	47.9	35.5	45.4	1979
1980	26.4	20.2	15.7	18.7	138	56.1	25.3	19.4	19.4	39.5	55.5	32.6	39.0	1980
1981	20.6	15.6	16.1	19.8	72.7	85.2	51.7	22.7	11.9	7.71	6.39	6.63	28.1	1981
1982	6.94	6.93	6.59	7.19	111	91.6	70.9	47.7	36.9	51.5	53.9	32.4	43.9	1982
1983	19.1	14.6	13.8	12.1	57.4	67.1	80.7	37.6	23.2	42.1	67.1	40.1	39.7	1983
1984	22.5	17.0	14.9	37.0	130	128	71.7	52.9	32.7	28.8	35.7	32.0	50.4	1984
1985	25.9	22.3	18.9	22.8	121	91.8	75.7	96.4	93.0	143	116	59.0	74.1	1985
1986	33.9	23.1	17.4	27.3	136	86.0	78.9	33.8	20.4	46.6	38.2	22.1	47.2	1986
1987	15.1	12.6	12.5	20.7	47.2	54.6	39.3	40.7	29.9	37.8	38.6	26.6	31.4	1987
1988	14.3	9.49	8.43	14.2	107	94.3	76.6	53.8	79.5	100	84.0	57.1	58.4	1988
1989	33.9	23.8	17.2	15.4	159	142	61.1	34.5	19.6	15.8	16.4	12.5	46.1	1989
1990	10.0	8.39	8.69	11.2	109	104	87.6	34.2	18.3	15.8	18.7	15.8	37.0	1990
MEAN	22.8	17.4	14.8	18.7	112	111	79.4	54.5	45.7	55.3	52.2	33.4	50.7	MEAN

LOCATION - LAT 50 39 30 N
LONG 086 31 55 W
DRAINAGE AREA, 5 360 km²
NATURAL FLOW

LITTLE CURRENT RIVER AT PERCY LAKE - STATION NO. 04JF001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1968	---	---	---	---	1968
1969	300 AT 05:00 EST ON JUN 12	300 ON JUN 12	14.7 B ON APR 16	2 520 000	1969
1970	140 AT 00:29 EST ON OCT 20	140 ON OCT 20	12.7 B ON APR 23	1 920 000	1970
1971	183 AT 14:30 EST ON MAY 29	181 ON MAY 28	---	---	1971
1972	142 AT 18:06 EST ON MAY 19	141 ON MAY 19	14.1 B ON APR 19	1 390 000	1972
1973	170 AT 22:29 EST ON AUG 02	169 ON AUG 02	14.6 B ON APR 17	1 880 000	1973
1974	388 AT 11:24 EST ON MAY 31 *	388 ON MAY 29 *	16.9 B ON APR 26	2 470 000	1974
1975	263 AT 18:11 EST ON JUN 20	263 ON JUN 20	16.4 B ON APR 24	1 720 000	1975
1976	---	144 E ON MAY 11	14.3 B ON MAR 28	1 180 000	1976
1977	154 AT 15:22 EST ON MAY 07	153 ON MAY 08	13.0 B ON APR 05	1 790 000	1977
1978	196 AT 01:49 EST ON JUN 15	195 ON JUN 14	13.0 B ON APR 24	1 680 000	1978
1979	151 AT 16:29 EST ON MAY 22	150 ON MAY 23	11.0 B ON MAR 11	1 430 000	1979
1980	174 AT 15:18 EST ON MAY 14	173 ON MAY 14	12.1 B ON APR 18	1 230 000	1980
1981	94.1 AT 18:13 EST ON MAY 11	93.1 ON JUN 10	6.09 ON DEC 12 *	808 000	1981
1982	170 AT 11:30 EST ON MAY 22	170 ON MAY 22	6.40B ON JAN 01	1 380 000	1982
1983	99.4 AT 16:45 EST ON JUL 11	98.0 ON JUL 11	11.6 B ON APR 16	1 250 000	1983
1984	151 AT 16:17 EST ON MAY 09	151 ON MAY 10	13.6 B ON APR 04	1 590 000	1984
1985	163 AT 15:47 EST ON OCT 14	162 ON OCT 13	14.7 ON APR 14	2 340 000	1985
1986	162 AT 15:05 EST ON MAY 16	162 ON MAY 15	14.1 B ON APR 09	1 490 000	1986
1987	62.3 AT 12:55 EST ON JUN 14	61.1 ON JUN 16	11.9 B ON MAR 15	990 000	1987
1988	144 AT 17:20 EST ON MAY 22	141 ON MAY 22	8.35B ON MAR 11	1 050 000	1988
1989	249 AT 15:38 EST ON MAY 25	245 ON MAY 26	11.1 B ON DEC 31	1 450 000	1989
1990	136 AT 17:41 EST ON MAY 19	136 ON MAY 19	7.60B ON MAR 09	1 170 000	1990
				1 600 000	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

LITTLE DON RIVER AT DON MILLS - STATION NO. 02HC029

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1964	---	---	---	---	---	---	---	---	---	0.368	0.529	1.06	---	1964
1965	1.06	2.56	2.26	1.92	0.535	0.421	0.525	0.376	0.452	0.946	1.32	1.20	1.12	1965
1966	0.738	1.01	2.22	0.858	0.701	0.519	0.320	0.384	0.440	0.460	1.38	1.64	0.889	1966
1967	0.751	0.760	2.47	2.09	0.923	0.942	0.643	0.724	0.720	1.17	1.25	1.52	1.18	1967
1968	0.860	1.96	4.07	1.07	1.12	0.785	0.539	0.630	0.810	0.605	1.12	0.955	1.21	1968
1969	1.79	0.810	2.29	2.35	1.49	0.732	0.689	0.663	0.447	0.667	0.988	0.666	1.13	1969
1970	0.500	0.814	1.81	2.04	1.16	0.569	0.926	0.841	0.740	0.885	1.04	1.03	1.03	1970
1971	0.755	1.50	2.76	2.53	0.767	0.722	1.09	1.05	0.642	0.675	0.686	1.63	1.23	1971
1972	1.37	0.892	2.75	5.51	0.866	1.09	0.890	0.892	0.952	1.18	1.58	1.87	1.65	1972
1973	2.77	1.57	4.40	2.44	1.53	1.04	0.655	0.750	0.706	1.04	1.57	1.30	1.56	1973
1974	2.34	1.46	2.71	2.61	2.57	1.34	0.568	0.576	0.712	0.585	1.01	0.791	1.44	1974
1975	1.16	3.04	2.11	2.23	1.25	0.927	0.599	0.789	0.877	0.595	0.876	0.981	1.27	1975
1976	0.693	2.55	3.59	1.70	1.82	1.52	1.79	1.55	1.05	0.974	0.705	0.737	1.55	1976
1977	0.540	1.15	3.25	1.71	0.851	1.24	1.44	1.23	2.10	1.87	2.19	2.04	1.71	1977
1978	1.53	0.824	3.54	3.56	1.86	0.721	0.625	1.03	1.64	1.20	1.39	1.51	1.62	1978
1979	2.13	1.41	5.17	3.15	1.06	1.36	1.01	1.17	1.06	1.39	1.71	2.20	1.97	1979
1980	1.71	0.482	3.54	3.46	1.21	1.39	2.03	0.916	0.918	1.35	1.00	1.53	1.63	1980
1981	0.673	4.76	1.05	1.09	1.50	1.22	1.22	1.73	2.27	2.49	1.54	0.868	1.68	1981
1982	1.20	0.694	5.07	2.17	0.916	2.05	0.951	1.40	1.56	1.03	2.33	2.43	1.82	1982
1983	1.31	1.89	1.96	2.55	2.33	0.894	0.642	1.14	0.963	1.42	1.97	1.88	1.58	1983
1984	0.717	4.47	3.09	2.04	1.93	1.15	1.02	1.22	1.76	0.869	1.70	1.48	1.77	1984
1985	0.807	3.94	3.54	2.10	1.29	1.06	1.09	1.93	1.18	1.21	3.68	1.25	1.91	1985
1986	1.18	0.980	3.26	1.27	1.28	1.26	1.17	4.48	5.52	1.67	1.36	2.48	2.19	1986
1987	1.13	1.04	2.75	2.69	1.14	1.45	2.08	1.15	1.43	1.09	1.81	1.84	1.64	1987
1988	1.19	1.43	1.99	1.66	1.21	0.769	0.912	0.699	1.36	1.46	1.45	1.05	1.26	1988
1989	1.28	0.719	1.52	1.15	1.61	1.64	0.870	1.31	1.34	1.52	2.16	0.630	1.31	1989
1990	1.90	2.54	2.72	1.67	1.49	1.41	1.13	1.54	0.960	2.03	1.18	2.74	1.78	1990
MEAN	1.20	1.74	2.92	2.22	1.35	1.09	0.984	1.16	1.25	1.15	1.46	1.49	1.50	MEAN

LOCATION - LAT 43 45 27 N DRAINAGE AREA, 130 km²
LONG 079 20 42 W NATURAL FLOW

LITTLE DON RIVER AT DON MILLS - STATION NO. 02HC029

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1964	---	---	---	---	1964
1965	---	28.1 E ON FEB 10	0.195 ON JUN 27 *	35 300	1965
1966	---	14.0 ON DEC 10	0.238 ON AUG 01	28 000	1966
1967	20.8 AT 09:30 EST ON APR 03	16.2 ON APR 03	0.351 ON SEP 06	37 300	1967
1968	25.7 AT 17:20 EST ON MAR 16	19.1 E ON FEB 02	0.311 ON JUL 30	38 200	1968
1969	24.3 AT 13:23 EST ON APR 18	15.3 ON APR 18	0.340 ON AUG 29	35 800	1969
1970	---	8.47 ON APR 02	0.365 ON JUL 07	32 600	1970
1971	30.9E ON JUL 06	17.1 ON APR 02	0.360E ON JUL 03	38 900	1971
1972	---	21.2 E ON APR 13	0.413 ON AUG 21	52 200	1972
1973	---	18.0 E ON FEB 02	0.323 ON AUG 16	49 300	1973
1974	68.5 AT 04:26 EST ON MAR 05	28.6 ON MAR 05	0.297 ON AUG 22	45 400	1974
1975	67.1 AT 23:10 EST ON FEB 24	37.1 ON FEB 24	0.244 ON AUG 19	40 100	1975
1976	45.9 AT 15:22 EST ON AUG 28	17.0 E ON MAR 20	0.297B ON JAN 18	49 200	1976
1977	---	16.7 E ON MAR 13	0.399 ON JUL 23	53 900	1977
1978	39.9 AT 21:43 EST ON SEP 18	13.5 ON APR 07	0.445 ON JUL 19	51 200	1978
1979	33.3 AT 13:18 EST ON MAR 04	19.5 ON MAR 04	0.627 ON SEP 29	62 300	1979
1980	76.2 AT 01:55 EST ON JUL 29	37.8 E ON MAR 21	0.225B ON FEB 03	51 700	1980
1981	46.5 AT 09:36 EST ON FEB 11	22.7 ON FEB 11	0.549 ON JUL 11	52 900	1981
1982	48.7 AT 18:37 EST ON SEP 14	21.3 ON MAR 13	0.482B ON FEB 11	54 400	1982
1983	30.1 AT 18:47 EST ON AUG 29	13.6 ON NOV 16	0.454 ON SEP 06	47 400	1983
1984	93.9 AT 06:25 EST ON FEB 14	51.0 ON FEB 14 *	0.530B ON JAN 22	49 700	1984
1985	56.7 AT 13:26 EST ON AUG 26	35.6 ON FEB 24	0.486 ON AUG 03	56 100	1985
1986	154 AT 03:04 EST ON AUG 27 *	48.7 ON AUG 27	0.483 ON JUL 11	60 100	1986
1987	75.0 AT 22:33 EST ON JUL 07	13.2 ON JUL 07	0.511 ON AUG 23	69 100	1987
1988	34.4 AT 01:21 EST ON SEP 04	11.4 ON SEP 04	0.439 ON AUG 22	51 600	1988
1989	50.5 AT 17:44 EST ON AUG 04	11.9 ON AUG 04	0.481 ON AUG 26	39 900	1989
1990	44.5 AT 23:04 EST ON FEB 22	29.2 ON MAR 12	0.446 ON AUG 02	41 400	1990
				56 000	1990
				47 500	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

LITTLE DON RIVER NEAR LANSING - STATION NO. 02HC004

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1945	---	---	---	---	---	---	---	---	---	1.11	0.662	0.445	---	1945
1946	---	---	6.18	0.883	0.703	0.447	0.235	0.201	0.311	0.504	0.464	0.529	---	1946
1947	---	---	3.90	2.92	0.796	1.16	0.610	0.338	0.288	0.404	0.643	0.484	---	1947
1948	0.255	0.821	3.72	2.57	0.580	0.647	0.382	0.217	0.170	0.382	0.446	0.396	0.691	1948
1949	0.598	1.90	1.00	0.519	0.308	0.155	0.187	0.151	0.243	0.424	0.341	0.818	0.546	1949
1950	1.35	0.601	4.32	2.55	0.461	0.316	0.280	0.253	0.310	0.434	0.340	0.918	1.03	1950
1951	1.11	2.34	3.59	2.89	0.464	0.271	0.332	0.146	0.258	0.344	0.637	0.517	1.06	1951
1952	1.39	2.63	4.45	2.82	0.752	0.330	0.299	0.277	0.487	0.261	0.371	0.743	1.24	1952
1953	1.04	0.980	1.28	0.673	0.834	0.336	0.343	0.195	0.249	0.291	0.364	0.374	0.576	1953
1954	0.297	2.71	---	---	---	---	---	---	---	5.77	0.822	0.887	---	1954
1955	1.40	0.807	3.46	1.41	0.383	0.272	0.323	0.440	0.425	0.608	0.950	0.493	0.916	1955
1956	0.737	0.372	4.36	3.30	1.04	0.465	0.468	1.34	0.562	0.584	0.619	1.31	1.29	1956
1957	2.11	2.53	1.46	2.08	1.22	1.39	0.407	0.336	0.374	0.640	0.666	1.87	1.55	1957
1958	0.472	1.34	2.15	0.696	0.424	0.345	0.290	0.475	0.926	0.577	0.638	0.603	0.764	1958
1959	0.599	0.597	5.48	2.24	0.936	0.366	0.442	0.402	0.666	0.611	2.41	1.22	1.33	1959
1960	1.12	1.56	3.51	5.37	3.34	0.535	0.618	0.308	0.235	0.373	0.491	0.301	1.48	1960
1961	0.247	0.469	2.50	2.16	1.03	0.450	0.388	0.261	0.330	0.401	0.567	0.496	0.776	1961
1962	0.462	0.512	3.35	0.683	0.353	0.450	0.271	0.297	0.402	0.585	0.874	0.470	0.729	1962
1963	0.497	0.367	1.98	0.547	1.11	0.335	0.229	0.660	0.457	0.325	0.553	0.419	0.635	1963
1964	1.09	0.459	1.71	0.940	0.493	0.344	0.678	0.665	0.346	0.343	0.453	0.530	0.674	1964
MEAN	0.886	1.26	3.21	1.86	0.850	0.479	0.382	0.391	0.391	0.747	0.673	0.690	0.937	MEAN

LOCATION - LAT 43 46 20 N
LONG 079 21 55 W
DRAINAGE AREA, 119 km²
NATURAL FLOW

LITTLE DON RIVER NEAR LANSING - STATION NO. 02HC004

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1945	---	---	---	---	1945
1946	---	35.7 ON MAR 11	0.227 ON JUL 04	---	1946
1947	---	38.8 ON MAR 26	0.142 ON MAY 07	---	1947
1948	---	27.8 ON MAR 19	0.142 ON OCT 01	21 800	1948
1949	---	13.8 ON FEB 15	0.057 ON MAR 01	17 200	1949
1950	58.6 AT 18:00 EST ON MAR 24 *	35.1 ON APR 04	0.113 ON AUG 06	32 600	1950
1951	---	36.8 ON MAR 19	0.057 ON AUG 11	35 600	1951
1952	---	39.1 ON MAR 11	0.057 ON DEC 04	39 200	1952
1953	---	8.07 ON FEB 21	0.028 ON JUN 30 *	18 200	1953
1954	---	---	---	---	1954
1955	---	27.9 ON MAR 11	0.113 ON JAN 17	28 900	1955
1956	---	22.0 ON MAR 07	0.142 ON JUN 09	40 600	1956
1957	---	36.2 ON JAN 22	0.142 ON JUL 29	39 400	1957
1958	---	14.5 ON FEB 28	0.142 ON JUN 28	24 100	1958
1959	---	28.6 ON NOV 04	0.266 ON AUG 16	42 000	1959
1960	58.3 AT 19:00 EST ON MAR 30	40.2 ON MAY 09 *	0.051 ON AUG 19	46 700	1960
1961	---	9.85 ON MAR 24	0.093 ON AUG 13	24 500	1961
1962	---	8.18B ON MAR 16	0.122 ON JUL 14	23 000	1962
1963	---	10.1 ON MAR 23	0.082 ON JUL 06	20 000	1963
1964	---	8.50E ON JUL 13	0.181 ON JUN 22	21 300	1964
				29 600	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

LITTLE FRENCH RIVER AT FREEFLOWING CHANNEL - STATION NO. 02DD018

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1980	7.96	6.13	6.76	17.2	23.5	20.4	20.0	19.7	19.7	19.2	16.1	11.1	15.7	1980
1981	6.75	5.25	7.78	18.8	21.4	19.6	18.7	17.6	18.3	17.7	13.5	9.84	14.7	1981
MEAN	7.36	5.69	7.27	18.0	22.5	20.0	19.4	18.6	19.0	18.5	14.8	10.5	15.2	MEAN

LOCATION - LAT 46 08 31 N
LONG 080 06 52 W
NATURAL FLOW

REMARKS - DISCHARGES SUMMED WITH THOSE AT 02DD016, 02DD017, 02DD019, TO GIVE FLOW FOR "FRENCH RIVER AT LAKE NIPISSING" NO.02DD007

LITTLE FRENCH RIVER AT FREEFLOWING CHANNEL - STATION NO. 02DD018

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1980	---	24.5 ON MAY 08 *	5.79 ON MAR 05	495 000	1980
1981	---	23.5 ON APR 29	4.79 ON FEB 19 *	462 000	1981
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		479 000	MEAN

LITTLE FRENCH RIVER AT LITTLE CHAUDIERE DAM - STATION NO. 02DD019

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1980	27.0	14.6	4.42	20.1	16.1	7.55	7.08	6.79	35.1	69.3	56.7	30.2	25.2	1980
1981	22.3	16.4	26.4	66.1	72.5	7.76	6.59	5.99	6.23	50.5	43.8	31.3	29.7	1981
MEAN	24.6	15.5	15.4	43.1	44.3	7.66	6.84	6.39	20.7	59.9	50.2	34.7	27.5	MEAN

LOCATION - LAT 46 08 40 N
LONG 080 07 41 W REGULATED SINCE 1916

REMARKS - DISCHARGES SUMMED WITH THOSE AT 02DD016, 02DD017, 02DD018, TO GIVE FLOW FOR "FRENCH RIVER AT LAKE NIPISSING" NO. 02DD007

LITTLE FRENCH RIVER AT LITTLE CHAUDIERE DAM - STATION NO. 02DD019

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1980	---	73.5 ON SEP 18	3.20 ON MAR 07 *	799 000	1980
1981	---	86.2 ON MAY 01 *	5.65 ON AUG 28	938 000	1981
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		869 000	MEAN

LITTLE FRENCH RIVER AT OKIKENDAWT ISLAND - STATION NO. 02DD020

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1982	27.4	18.9	16.6	36.2	48.9	18.7	18.7	15.7	15.2	35.0	60.1	61.6	31.2	1982
1983	57.1	33.7	33.9	67.6	107	90.5	22.9	20.4	19.6	61.2	57.4	47.2	51.7	1983
1984	27.7	22.5	22.3	42.7	71.4	70.1	26.4	24.5	29.7	76.4	76.4	62.0	46.0	1984
1985	42.5	25.8	21.9	38.8	90.2	22.9	21.9	20.9	18.4	39.1	56.8	44.0	37.0	1985
1986	24.8	18.1	16.1	32.8	82.6	68.6	64.2	80.4	71.1	69.9	56.3	46.4	57.8	1986
1987	35.9	26.4	17.4	39.4	39.4	15.4	15.7	14.6	13.5	13.1	13.1	12.2	21.3	1987
1988	9.24	7.05	6.08	18.6	27.6	25.4	23.0	22.6	20.6	22.2	23.3	46.5	21.1	1988
1989	41.4	28.5	20.4	38.9	66.1	39.4	24.1	22.3	19.9	16.3	15.0	10.6	28.6	1989
1990	6.68	5.19	6.23	12.0	30.6	31.2	26.2	24.9	22.7	23.8	20.3	20.8	19.3	1990
MEAN	30.3	20.8	17.9	38.5	62.6	44.7	29.2	27.4	25.6	39.7	42.1	39.0	34.9	MEAN

LOCATION - LAT 46 07 23 N
LONG 080 04 44 W

LITTLE FRENCH RIVER AT OKIKENDAWT ISLAND - STATION NO. 02DD020

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1982	---	68.0 ON OCT 23	13.7 ON SEP 01	983 000	1982
1983	---	117 ON JUN 03 *	18.4 ON SEP 19	1 630 000	1983
1984	---	90.6 ON JUN 14	20.1 ON MAR 30	1 460 000	1984
1985	---	99.8 ON MAY 13	17.0 ON OCT 06	1 170 000	1985
1986	---	91.4 ON JUN 01	15.3 ON MAR 19	1 820 000	1986
1987	---	50.8 ON MAY 07	10.9 ON DEC 31	672 000	1987
1988	---	58.7 ON DEC 11	5.20 ON MAR 25	668 000	1988
1989	---	73.6 ON MAY 27	7.88 ON DEC 31	902 000	1989
1990	---	43.6 ON MAY 27	3.93 ON MAR 12 *	609 000	1990
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		1 100 000	MEAN

LITTLE MAITLAND RIVER AT BLUEVALE - STATION NO. 02FE007

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1967	---	---	---	---	---	---	---	---	---	4.34	9.92	9.67	---	1967
1968	4.04	13.7	14.8	5.45	3.54	1.75	0.632	2.54	1.51	3.03	7.71	7.44	5.32	1968
1969	6.61	5.86	9.34	19.1	9.19	2.29	0.890	0.401	0.192	0.587	2.95	2.28	4.95	1969
1970	1.38	1.94	2.97	16.6	3.31	1.00	1.44	0.614	0.587	1.10	2.17	3.94	3.07	1970
1971	2.33	3.48	7.89	10.9	2.02	1.54	0.601	0.373	0.343	0.259	0.467	2.04	3.33	1971
1972	3.11	1.96	5.75	21.1	4.75	2.11	1.66	0.476	0.315	1.58	2.75	6.54	4.24	1972
1973	11.0	4.12	17.4	8.40	5.26	2.34	0.579	0.415	0.160	0.297	2.05	3.11	4.45	1973
1974	8.99	4.44	14.0	12.0	10.9	1.84	0.683	0.237	0.156	0.300	1.89	1.21	4.73	1974
1975	4.25	4.59	9.62	18.9	3.32	1.69	0.773	8.63	5.13	2.69	3.26	8.32	5.93	1975
1976	5.23	12.0	32.0	8.70	5.84	0.930	2.42	0.580	1.22	1.79	2.59	2.40	6.31	1976
1977	1.84	1.70	25.2	6.11	1.30	0.561	0.565	3.74	4.54	7.90	6.78	6.70	5.60	1977
1978	3.21	2.41	5.87	20.7	3.66	1.82	0.551	0.301	0.908	1.66	1.78	4.46	3.77	1978
1979	3.89	1.85	22.4	17.6	4.18	1.17	0.604	0.382	0.240	1.21	5.14	9.07	5.66	1979
1980	2.72	1.25	12.1	12.7	2.92	1.50	0.818	0.832	1.30	3.13	2.20	4.62	3.85	1980
1981	1.29	15.2	6.80	4.05	3.37	1.20	0.463	0.548	2.38	6.41	4.57	3.25	4.06	1981
1982	2.30	1.18	12.0	32.7	1.69	3.44	0.875	0.814	1.03	0.789	8.31	13.0	6.57	1982
1983	3.94	3.17	4.86	6.02	6.06	2.57	0.543	0.500	1.36	2.59	4.27	6.77	3.69	1983
1984	2.98	19.1	9.55	6.24	1.90	2.97	0.873	0.368	0.735	0.832	4.86	9.12	4.90	1984
1985	4.40	9.95	23.9	18.0	3.28	1.62	0.846	1.21	2.64	5.03	10.7	4.98	7.18	1985
1986	6.95	3.25	27.5	6.08	4.23	1.93	0.872	0.825	14.5	13.4	3.92	4.73	6.88	1986
1987	3.18	2.02	14.3	7.22	1.28	1.12	1.43	1.13	0.508	1.33	5.68	8.98	4.04	1987
1988	3.89	5.85	14.8	6.18	2.91	0.662	0.375	0.462	0.383	3.71	8.28	5.10	4.38	1988
1989	7.10	2.83	11.0	7.78	2.34	2.53	0.460	0.428	0.450	0.777	5.57	2.20	3.63	1989
1990	9.57	7.42	11.9	5.11	3.34	1.57	0.798	0.433	0.620	7.91	11.2	12.9	6.07	1990
MEAN	4.52	5.71	13.5	12.3	3.86	1.78	0.857	1.14	1.79	3.03	4.88	5.87	4.90	MEAN

LOCATION - LAT 43 51 15 N LONG 081 15 00 W DRAINAGE AREA, 326 km²
REGULATED

REMARKS - REGULATION DUE TO GRIST MILL

LITTLE MAITLAND RIVER AT BLUEVALE - STATION NO. 02FE007

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1967	---	---	---	---	1967
1968	118 AT 20:00 EST ON FEB 02	83.3 ON FEB 02	0.062 ON AUG 03	168 000	1968
1969	124 AT 12:15 EST ON APR 05	74.5 ON APR 05	0.159 ON AUG 17	156 000	1969
1970	55.8 AT 01:00 EST ON APR 10	49.6 ON APR 10	0.088 ON JUL 04	96 900	1970
1971	49.8 AT 01:28 EST ON APR 10	47.0 ON APR 10	0.059 ON OCT 28 *	105 000	1971
1972	75.0 AT 12:09 EST ON APR 15	68.8 ON APR 15	0.105 ON OCT 06	134 000	1972
1973	56.6 AT 13:50 EST ON MAR 17	39.6 ON MAR 17	0.139 ON SEP 19	140 000	1973
1974	111 AT 18:10 EST ON MAY 17	83.8 ON MAR 05	0.102 ON SEP 02	149 000	1974
1975	196 AT 17:05 EST ON APR 19	167 ON APR 19	0.365 ON JUN 28	187 000	1975
1976	194 AT 25:51 EST ON MAR 21	171 ON MAR 21	0.082 ON JUN 04	199 000	1976
1977	201 B AT 19:36 EST ON MAR 13 *	172 B ON MAR 13 *	0.207 ON JUN 12	177 000	1977
1978	73.6 AT 01:07 EST ON APR 12	58.3 ON APR 12	0.232 ON AUG 23	119 000	1978
1979	132 AT 17:42 EST ON APR 14	114 ON APR 14	0.143E ON SEP 14	179 000	1979
1980	73.3 AT 22:57 EST ON MAR 21	63.6 ON MAR 22	0.355 ON JUN 11	122 000	1980
1981	96.7 AT 22:43 EST ON FEB 23	90.3 ON FEB 23	0.229 ON JUL 26	128 000	1981
1982	138 AT 02:56 EST ON APR 01	110 ON APR 01	0.383 ON AUG 19	207 000	1982
1983	22.0 AT 03:40 EST ON DEC 14	20.6 ON DEC 14	0.111E ON JUL 30	116 000	1983
1984	79.7 AT 05:18 EST ON DEC 30	71.7 ON DEC 30	0.259E ON AUG 29	155 000	1984
1985	114 AT 19:08 EST ON MAR 28	99.7 ON APR 06	0.302E ON AUG 14	226 000	1985
1986	94.1 AT 22:25 EST ON MAR 19	73.9 ON MAR 20	0.350 ON AUG 14	217 000	1986
1987	28.2 AT 12:10 EST ON APR 06	27.0 ON APR 06	0.458 ON SEP 11	127 000	1987
1988	58.5 AT 19:40 EST ON MAR 25	55.0 ON MAR 26	0.225 ON JUL 29	139 000	1988
1989	44.9 AT 04:47 EST ON MAR 29	42.1 ON MAR 29	0.260 ON AUG 02	114 000	1989
1990	93.1 AT 17:00 EST ON DEC 30	81.5B ON DEC 30	0.301 ON AUG 11	191 000	1990
				154 000	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

LITTLE NORDIC CREEK AT ELLIOT LAKE - STATION NO. 02CD007

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1983	0.046	0.023	0.141	0.169	0.114	0.049	0.009	0.011	0.020	0.076	0.076	0.031	0.064	1983
1984	0.017	0.032	0.050	0.133	0.066	0.050	0.004	0.026	0.060	0.078	0.199	0.101	0.068	1984
1985	0.024	0.022	0.079	0.347	0.063	0.047	0.013	0.041	0.016	0.036	0.143	0.020	0.071	1985
1986	0.010	0.005	0.061	0.190	0.065	0.030	0.068	0.078	0.038	0.084	0.047	0.024	0.059	1986
1987	0.020	0.014	0.094	0.048	0.037	0.038	0.015	0.002	0.014	0.057	0.016	0.070	0.036	1987
1988	0.030	0.056	0.212	0.342	0.028	0.016	0.022	0.013	0.040	0.132	0.170	0.084	0.095	1988
1989	0.039	0.013	0.168	0.341	---	---	---	---	---	---	---	---	---	1989
MEAN	0.027	0.025	0.115	0.224	0.062	0.038	0.022	0.029	0.031	0.077	0.109	0.055	0.066	MEAN

LOCATION - LAT 46 21 12 N LONG 082 38 37 W DRAINAGE AREA, 4.58 km²

REMARKS - STATION DISCONTINUED APR 1989

LITTLE NORDIC CREEK AT ELLIOT LAKE - STATION NO. 02CD007

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1983	---	0.949E ON APR 14	0.001 ON AUG 13	2 020	1983
1984	3.06 AT 14:26 EST ON NOV 01 *	1.56 ON NOV 01 *	0.001 ON JUL 14	2 140	1984
1985	1.69 AT 22:32 EST ON APR 21	1.22 ON APR 22	0.001 ON SEP 20	2 230	1985
1986	0.994 AT 16:27 EST ON JUL 28	0.513 ON APR 02	0.004B ON JAN 04	1 860	1986
1987	---	0.456 ON OCT 28	0.001 ON AUG 01	1 120	1987
1988	1.25 AT 06:59 EST ON MAR 26	1.15 ON APR 07	0 ON JUN 29 *	3 010	1988
1989	---	---	---	---	1989
				2 060	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

LITTLE OTTER CREEK NEAR STRAFFORDVILLE - STATION NO. 02GC015

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1963	---	---	---	---	---	---	---	---	---	0.405	0.476	0.442	---	1963
1964	0.764	0.555	1.51	1.67	1.16	0.565	0.437	1.44	0.698	0.567	0.572	1.18	0.927	1964
1965	1.26	2.83	4.08	3.56	1.06	0.606	0.417	0.448	0.558	1.12	1.12	1.66	1.55	1965
1966	0.956	1.62	2.28	1.81	1.23	0.880	0.385	0.456	0.523	0.563	0.980	2.64	1.19	1966
1967	1.52	1.40	1.90	2.37	1.54	1.01	0.686	0.496	0.513	0.625	0.946	1.80	1.23	1967
1968	1.12	2.81	2.22	1.47	0.945	1.44	0.930	0.756	0.933	0.863	1.56	1.56	1.30	1968
1969	3.13	2.10	1.54	3.21	2.50	1.33	0.821	0.595	0.580	0.659	1.26	1.22	1.57	1969
1970	0.841	1.31	1.85	1.88	1.02	0.640	0.720	0.496	0.557	0.729	1.79	1.95	1.15	1970
1971	1.07	1.74	2.97	1.84	0.924	0.647	0.398	0.411	0.499	0.526	0.561	0.838	1.03	1971
1972	1.08	0.667	4.34	2.96	1.82	1.14	1.22	0.611	0.543	0.682	1.05	1.91	1.50	1972
1973	1.58	1.25	4.30	2.54	1.35	0.944	0.545	0.512	0.460	0.583	1.20	1.59	1.41	1973
1974	2.32	2.01	2.92	2.12	2.26	1.04	0.727	0.565	0.539	0.594	0.933	1.14	1.43	1974
1975	1.63	1.96	2.97	2.03	1.04	1.12	0.514	0.673	1.33	0.998	1.38	1.92	1.46	1975
1976	1.71	3.80	5.06	2.42	2.20	0.946	0.929	0.707	0.630	0.749	0.827	0.802	1.73	1976
1977	0.592	0.773	3.20	2.63	1.20	0.678	0.547	0.566	2.18	2.27	1.66	3.41	1.65	1977
1978	2.06	1.41	3.70	3.59	1.96	0.963	0.578	0.642	0.878	0.972	1.05	1.31	1.59	1978
1979	1.62	1.40	3.39	3.78	1.73	0.949	0.590	0.932	0.750	1.04	2.09	2.67	1.75	1979
1980	1.92	1.15	2.04	3.10	1.91	1.36	1.12	0.911	1.18	1.60	1.34	1.41	1.59	1980
1981	0.678	3.34	1.82	1.95	1.27	0.990	0.696	0.808	1.18	1.77	1.46	1.22	1.42	1981
1982	1.35	0.839	4.80	3.17	1.40	2.17	0.871	0.798	0.880	0.891	2.34	3.13	1.89	1982
1983	1.86	2.05	1.55	2.23	2.47	1.10	0.897	2.12	0.837	0.868	1.42	3.13	1.71	1983
1984	1.22	4.17	3.44	3.38	2.46	1.84	0.948	0.765	1.26	1.06	1.50	1.82	1.98	1984
1985	1.30	2.99	4.52	2.91	1.20	1.18	0.762	0.915	0.946	1.35	3.75	2.45	2.01	1985
1986	1.09	1.93	3.84	2.23	1.48	1.20	0.816	0.843	1.10	2.46	1.63	3.42	1.89	1986
1987	1.95	1.92	1.98	1.63	1.08	0.774	0.524	0.627	0.932	0.683	1.01	1.92	1.24	1987
1988	1.14	1.62	1.73	1.43	0.997	0.554	0.521	0.471	0.456	0.641	1.41	1.97	1.02	1988
1989	1.36	1.04	1.17	1.67	0.908	1.08	0.559	0.425	0.511	0.624	1.34	0.764	0.951	1989
1990	2.34	2.91	2.88	2.12	1.72	1.07	0.832	0.714	0.763	1.04	1.34	3.51	1.77	1990
MEAN	1.50	1.87	2.89	2.47	1.51	1.05	0.703	0.733	0.812	0.962	1.36	1.85	1.48	MEAN

LOCATION - LAT 42 45 23 N DRAINAGE AREA, 104 km^2
LONG 080 48 26 W REGULATED

REMARKS - REGULATION BY PUMPING DURING SUMMER MONTHS

LITTLE OTTER CREEK NEAR STRAFFORDVILLE - STATION NO. 02GC015

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1963	---	---	---	---	1963
1964	9.03 AT 18:00 EST ON AUG 23	7.73 ON AUG 23	0.246 ON JUL 31	29 300	1964
1965	16.8 E AT 18:00 EST ON MAR 05	15.5 ON MAR 06	0.229 ON JUL 31 *	48 900	1965
1966	10.7 AT 19:00 EST ON DEC 07	8.98 ON DEC 07	0.249 ON JUL 21	37 600	1966
1967	---	11.1 A ON DEC 22	0.360 ON AUG 02	38 900	1967
1968	13.2 B AT 18:00 EST ON FEB 02	12.3 B ON FEB 02	0.425B ON JAN 28	43 500	1968
1969	16.2 AT 22:44 EST ON JAN 30	13.8 ON JAN 30	0.530 ON AUG 15	49 600	1969
1970	6.29 AT 19:38 EST ON APR 02	5.38 ON DEC 04	0.374 ON AUG 10	36 200	1970
1971	10.8 AT 18:59 EST ON FEB 27	8.69 ON FEB 28	0.289 ON AUG 06	32 500	1971
1972	11.9 AT 00:44 EST ON MAR 03	10.3 ON MAR 02	0.450 ON AUG 22	47 400	1972
1973	9.94 AT 15:00 EST ON MAR 11	9.40 ON MAR 15	0.385 ON JUL 19	44 400	1973
1974	9.09 AT 05:49 EST ON MAR 05	8.41 ON MAR 05	0.436 ON AUG 26	45 000	1974
1975	8.61 AT 18:27 EST ON FEB 24	7.45 ON FEB 24	0.286 ON AUG 01	46 100	1975
1976	20.4 AT 23:00 EST ON MAR 05	16.1 ON MAR 05	0.524 ON SEP 08	54 800	1976
1977	16.8 AT 21:24 EST ON SEP 27	11.8 ON SEP 27	0.303 ON AUG 02	32 000	1977
1978	20.5 E AT 23:17 EST ON MAR 22	15.9 ON MAR 22	0.354 ON JUL 20	52 200	1978
1979	16.4 AT 02:08 EST ON MAR 05	12.4 ON MAR 05	0.309 ON JUL 23	55 100	1979
1980	7.10 AT 17:45 EST ON APR 15	6.97 ON APR 15	0.578 ON AUG 29	50 300	1980
1981	9.33 AT 04:01 EST ON FEB 18	8.82 ON FEB 18	0.458 ON JUL 19	44 700	1981
1982	25.6 E AT 05:47 EST ON MAR 14	20.8 E ON MAR 14	0.489 ON JUL 26	59 700	1982
1983	15.9 AT 13:08 EST ON AUG 11	10.0 ON AUG 12	0.329 ON JUL 28	53 900	1983
1984	27.0 AT 07:23 EST ON FEB 14 *	22.9 ON FEB 14 *	0.489 ON AUG 01	62 500	1984
1985	23.8 AT 10:54 EST ON FEB 24	19.8 ON FEB 24	0.414 ON AUG 12	63 500	1985
1986	13.0 AT 20:18 EST ON OCT 03	10.9 ON MAR 11	0.526 ON JUL 31	59 500	1986
1987	7.46 AT 20:49 EST ON APR 05	6.77 ON APR 05	0.360 ON JUL 25	39 200	1987
1988	6.09 AT 04:46 EST ON MAR 26	5.35 ON MAR 26	0.296 ON JUL 13	32 200	1988
1989	5.97 AT 22:30 EST ON NOV 15	5.27 ON NOV 16	0.373 ON JUL 17	30 000	1989
1990	18.7 AT 14:29 EST ON DEC 30	15.8 ON DEC 30	0.502 ON AUG 03	55 700	1990
				46 800	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX)
B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

LITTLE PIC RIVER NEAR COLDWELL - STATION NO. 02BA003

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1972	---	---	---	---	---	---	13.7	13.2	23.0	19.1	10.4	6.08	---	1972
1973	4.59	4.01	7.82	37.6	38.2	21.8	14.0	7.99	10.9	13.1	15.6	11.6	15.6	1973
1974	6.22	4.40	3.45	10.6	55.1	34.6	17.8	21.7	18.7	25.4	16.4	9.81	18.8	1974
1975	8.19	4.37	3.90	15.7	53.9	37.4	7.86	3.52	3.76	9.50	22.6	12.0	15.3	1975
1976	5.70	4.11	3.62	73.2	34.7	19.2	9.99	5.33	3.17	3.11	2.72	4.41	13.9	1976
1977	2.14	2.01	6.16	52.4	25.2	8.68	12.4	8.72	28.5	19.9	20.1	7.93	16.2	1977
1978	4.85	3.46	2.75	7.49	38.0	30.6	13.5	5.40	4.09	6.08	4.70	3.14	10.4	1978
1979	2.56	2.31	2.80	29.5	76.2	22.3	8.00	5.32	10.0	22.5	26.3	8.72	18.1	1979
1980	5.51	3.99	3.14	30.2	46.2	13.8	8.92	7.42	19.2	20.6	14.1	6.44	15.0	1980
1981	4.22	3.92	4.93	22.4	75.4	27.0	11.1	3.64	2.89	3.49	3.58	2.86	9.62	1981
1982	2.62	2.50	2.46	14.3	76.5	17.6	21.1	7.71	9.84	32.2	34.7	16.7	20.0	1982
1983	8.40	6.04	6.15	14.0	56.4	17.5	11.8	3.63	4.83	36.5	20.9	9.70	16.4	1983
1984	4.72	5.03	4.95	39.6	41.6	49.4	20.6	10.2	5.27	10.1	15.2	18.3	18.7	1984
1985	7.45	4.26	3.41	24.7	30.1	21.1	12.0	33.3	18.7	34.1	31.8	8.73	19.2	1985
1986	5.83	4.44	3.62	46.0	34.1	12.2	10.4	7.30	8.89	13.7	17.0	6.82	14.2	1986
1987	4.70	4.16	3.74	26.2	12.1	8.65	7.37	6.65	6.22	11.9	12.7	6.39	9.22	1987
1988	4.92	3.71	3.11	33.3	47.5	16.2	7.15	8.90	13.2	23.3	32.8	11.4	17.1	1988
1989	8.06	5.99	4.23	14.9	77.3	15.5	6.22	3.32	2.39	1.85	6.05	3.21	12.5	1989
1990	2.64	2.33	3.64	32.1	36.3	16.4	11.4	4.26	3.96	15.9	14.8	6.54	12.6	1990
MEAN	5.17	3.95	4.10	29.1	44.7	21.7	11.9	8.82	10.4	17.0	17.0	8.36	15.2	MEAN

LOCATION - LAT 48 50 57 N DRAINAGE AREA, 1 320 km²
LONG 086 36 26 W NATURAL FLOW

LITTLE PIC RIVER NEAR COLDWELL - STATION NO. 02BA003

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1972	---	---	---	---	1972
1973	---	106 E ON APR 21	3.85B ON FEB 26	493 000	1973
1974	99.1 AT 02:59 EST ON JUN 11	90.6 ON JUN 11	2.94B ON APR 10	592 000	1974
1975	---	119 E ON MAY 07	2.61 ON SEP 04	481 000	1975
1976	236 AT 18:09 EST ON APR 19	218 ON APR 19	2.22 ON NOV 08	439 000	1976
1977	---	156 E ON APR 23	1.97B ON MAR 04	510 000	1977
1978	86.4 AT 00:12 EST ON MAY 10	71.6 ON MAY 10	2.55B ON APR 05	327 000	1978
1979	272 AT 08:23 EST ON MAY 11 *	262 ON MAY 11 *	2.22B ON FEB 21	572 000	1979
1980	137 AT 02:25 EST ON MAY 01	132 ON MAY 01	2.95B ON MAR 23	474 000	1980
1981	54.6 AT 00:19 EST ON JUN 16	52.1 ON JUN 16	2.39 ON OCT 12	303 000	1981
1982	198 AT 23:52 EST ON MAY 05	189 ON MAY 06	2.43B ON MAR 10	631 000	1982
1983	110 AT 21:21 EST ON OCT 16	96.3 ON OCT 17	2.83 ON SEP 05	517 000	1983
1984	130 AT 07:00 EST ON JUN 11	124 ON JUN 11	3.93B ON FEB 10	593 000	1984
1985	---	103 B ON APR 24	3.28B ON MAR 30	606 000	1985
1986	101 AT 05:52 EST ON APR 20	94.1 ON APR 20	3.49B ON MAR 22	447 000	1986
1987	48.3 AT 05:24 EST ON APR 18	47.8 ON APR 18	3.16 ON SEP 04	291 000	1987
1988	116 AT 19:34 EST ON NOV 16	95.0 ON NOV 17	2.70B ON MAR 23	541 000	1988
1989	127 AT 00:06 EST ON MAY 06	116 ON MAY 06	1.64 ON OCT 22 *	394 000	1989
1990	136 AT 20:01 EST ON APR 26	133 ON APR 26	2.27B ON MAR 01	396 000	1990
				478 000	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

LITTLE RIVER AT WINDSOR - STATION NO. 02GH011

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1983	0.101	0.295	0.406	1.02	0.983	0.323	1.37	0.516	0.091	0.230	0.998	0.983	0.613	1983
1984	0.045	0.800	1.81	0.478	0.954	0.294	0.018	0.026	0.058	0.080	0.122	0.463	0.429	1984
1985	0.423	2.44	1.16	0.573	0.330	0.208	0.367	0.518	0.250	0.553	1.16	0.263	0.674	1985
1988	0.437	0.532	0.377	0.336	0.046	0.041	0.054	0.070	0.102	0.194	0.507	0.194	0.240	1988
1989	0.229	0.105	0.305	0.617	0.535	0.978	0.501	0.068	0.185	0.140	0.225	0.051	0.328	1989
1990	0.678	2.06	0.853	0.591	0.801	0.352	0.097	0.307	1.21	1.13	0.385	1.91	0.857	1990
MEAN	0.319	1.04	0.819	0.603	0.608	0.366	0.401	0.251	0.316	0.388	0.566	0.644	0.524	MEAN

LOCATION - LAT 42 18 34 N DRAINAGE AREA, 50.5 km²
LONG 082 55 44 W

REMARKS - OPERATED AS WATER LEVEL ONLY STATION 1986 AND 1987

LITTLE RIVER AT WINDSOR - STATION NO. 02GH011

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1983	26.6 AT 13:29 EST ON MAY 02	15.0 ON MAY 02	0.020E ON SEP 14	19 300	1983
1984	---	21.1 A ON MAR 21	0.004E ON JUL 20 *	13 600	1984
1985	---	21.1 A ON FEB 24	0.007B ON FEB 08	21 300	1985
1988	7.29B AT 23:56 EST ON JAN 17	3.29 ON JAN 18	0.005 ON JUL 05	7 580	1988
1989	15.7 AT 01:37 EST ON MAY 26	9.25 ON JUL 20	0.007B ON DEC 26	10 400	1989
1990	42.6 AT 18:29 EST ON FEB 22 *	22.3 B ON FEB 22 *	0.010 ON JUL 10	27 000	1990
				16 500	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX)
B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

LITTLE ROUGE CREEK AT ROUGE HILL - STATION NO. 02HC014

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1957	---	---	1.79	1.93	0.416	0.021	0.226	0.092	0.266	0.412	0.641	1.84	---	1957
1958	0.307	0.516	1.95	0.901	0.274	0.195	0.180	0.146	0.440	0.283	0.605	0.309	0.501	1958
1959	0.413	0.519	1.83	4.19	0.479	0.204	0.138	0.179	0.212	0.328	0.474	0.413	0.778	1959
1960	0.220	0.712	0.954	7.87	4.48	0.605	0.266	0.299	0.197	0.229	0.426	0.290	1.38	1960
1961	0.100	0.454	1.20	1.58	0.706	0.612	0.353	0.153	0.189	0.188	0.321	0.379	0.518	1961
1962	0.407	0.348	1.90	0.811	0.240	0.155	0.113	0.109	0.142	0.307	0.579	0.534	0.472	1962
1963	0.222	0.173	3.05	1.05	1.74	0.159	0.116	0.156	0.163	---	---	---	---	1963
1964	1.09	0.372	2.28	0.546	---	---	---	---	---	---	---	---	---	1964
1965	---	---	---	8.05	---	---	---	---	---	---	---	---	---	1965
MEAN	0.394	0.459	1.87	2.98	1.19	0.393	0.199	0.162	0.230	0.291	0.508	0.627	0.730	MEAN

LOCATION - LAT 43 48 55 N LONG 079 09 25 W DRAINAGE AREA, 106 km² NATURAL FLOW

LITTLE ROUGE CREEK AT ROUGE HILL - STATION NO. 02HC014

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1957	---	---	---	---	1957
1958	---	4.76B ON MAR 01	0.028 ON AUG 17	15 800	1958
1959	---	35.1 ON APR 01	0.082 ON APR 22	24 500	1959
1960	---	45.3 E ON MAY 09 *	0.028 ON OCT 10	43 600	1960
1961	25.7 AT 06:00 EST ON JUN 29 *	5.58 ON JUN 29	0.028B ON JAN 24	16 100	1961
1962	---	4.13B ON MAR 24	0 ON JUL 13 *	14 900	1962
1963	---	---	---	---	1963
1964	---	---	---	---	1964
1965	---	---	---	---	1965
				23 000	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

LITTLE ROUGE CREEK AT SCARBOROUGH - STATION NO. 02HC104

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1974	---	---	---	---	2.09	0.556	0.491	0.228	0.159	0.294	0.545	0.805	---	1974
1975	---	---	---	---	1.10	0.204	---	---	---	0.251	0.373	0.883	---	1975
1976	---	---	---	1.17	1.42	0.315	0.786	0.786	0.265	0.413	0.465	0.353	---	1976
MEAN	---	---	---	1.17	1.54	0.358	0.639	0.507	0.212	0.319	0.461	0.680	---	MEAN

LOCATION - LAT 43 48 50 N LONG 079 09 25 W DRAINAGE AREA, 111 km² NATURAL FLOW

DATA CONTRIBUTED BY - ONTARIO MINISTRY OF THE ENVIRONMENT

LITTLE ROUGE CREEK AT SCARBOROUGH - STATION NO. 02HC104

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1974	---	---	0.054 ON AUG 22 *	---	1974
1975	---	21.2 ON APR 19 *	---	---	1975
1976	---	---	0.074 ON JUN 13	---	1976
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		---	MEAN

LITTLE ROUGE CREEK NEAR LOCUST HILL - STATION NO. 02HC028

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1964	0.789	0.326	1.86	0.710	0.270	0.180	0.311	0.355	0.116	0.162	0.234	0.478	0.485	1964
1965	0.292	1.29	0.908	1.94	0.319	0.094	0.181	0.096	0.157	0.616	1.24	1.18	0.686	1965
1966	0.603	0.852	1.86	0.910	0.420	0.124	0.049	0.089	0.145	0.133	0.424	0.977	0.548	1966
1967	0.572	0.319	1.94	1.62	0.436	0.800	0.994	0.817	0.358	1.15	1.46	1.22	0.978	1967
1968	0.541	0.783	4.05	0.778	0.521	0.234	0.127	0.175	0.102	0.205	0.570	0.541	0.729	1968
1969	0.438	0.355	1.68	2.05	1.07	0.221	0.126	0.152	0.108	0.177	0.347	0.277	0.584	1969
1970	0.226	0.267	0.962	2.02	0.440	0.119	0.310	0.157	0.202	0.175	0.399	0.623	0.491	1970
1971	0.205	0.306	1.42	1.28	0.214	0.153	0.407	0.346	0.227	0.171	0.247	1.00	0.664	1971
1972	0.520	0.242	0.804	5.36	0.388	0.193	0.153	0.167	0.132	0.324	0.592	0.625	0.786	1972
1973	0.792	0.614	4.26	1.74	0.641	0.396	0.173	0.219	0.114	0.206	0.761	0.543	0.875	1973
1974	0.951	0.630	1.28	1.93	1.38	0.499	0.638	0.198	0.167	0.247	0.444	0.426	0.733	1974
1975	0.678	2.06	1.53	1.71	0.499	0.187	0.107	0.107	0.158	0.175	0.274	0.327	0.641	1975
1976	0.223	3.14	3.61	1.02	0.806	0.248	0.630	0.547	0.257	0.365	0.208	0.219	0.940	1976
1977	0.178	0.256	3.08	0.857	0.224	0.157	0.379	0.327	1.08	1.30	1.56	1.75	0.935	1977
1978	1.17	0.500	2.37	4.34	1.41	0.186	0.098	0.198	0.287	0.347	0.397	0.400	0.975	1978
1979	1.01	0.391	3.84	1.82	0.613	0.190	0.160	0.181	0.197	0.672	1.11	1.66	0.994	1979
1980	0.792	0.131	2.04	2.54	0.390	0.211	0.427	0.200	0.260	0.537	0.490	0.980	0.751	1980
1981	0.264	1.59	0.564	0.529	0.697	0.456	0.152	0.554	1.12	1.40	1.09	0.510	0.720	1981
1982	1.23	0.290	3.82	1.23	0.308	1.04	0.541	0.296	0.440	0.621	2.08	2.06	1.17	1982
1983	0.748	1.25	1.44	1.78	1.46	0.275	0.131	0.194	0.209	0.941	1.05	1.11	0.827	1983
1984	0.399	3.62	2.32	1.55	1.01	0.283	0.192	0.217	0.482	0.317	0.904	1.08	1.02	1984
1985	0.404	2.43	3.37	1.79	0.381	0.339	0.167	0.302	0.283	0.384	2.45	0.795	1.08	1985
1986	0.842	0.617	3.92	0.850	0.422	0.605	0.201	1.92	3.13	1.23	0.684	1.06	1.28	1986
1987	0.572	0.192	2.74	1.63	0.362	0.299	0.245	0.174	0.231	0.254	0.745	1.33	0.735	1987
1988	0.482	0.639	2.51	1.19	0.793	0.144	0.104	0.128	0.214	0.347	0.678	0.395	0.636	1988
1989	0.515	0.271	0.947	0.816	0.950	0.511	0.086	0.318	0.323	0.398	1.88	0.271	0.607	1989
1990	0.999	1.53	2.74	1.73	0.559	0.336	0.308	0.405	0.226	1.15	0.983	2.17	1.09	1990
MEAN	0.601	0.922	2.29	1.77	0.629	0.307	0.273	0.327	0.401	0.496	0.866	0.889	0.813	MEAN

LOCATION - LAT 43 54 28 N DRAINAGE AREA, 77.7 km²
LONG 079 12 58 W NATURAL FLOW

LITTLE ROUGE CREEK NEAR LOCUST HILL - STATION NO. 02HC028

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1964	---	17.4 RB ON MAR 05	0.034 ON JUN 29	15 300	1964
1965	---	14.6 B ON FEB 10	0.034 ON JUN 27	21 600	1965
1966	10.7 AT 19:00 EST ON DEC 10	6.34 ON DEC 10	0.020 ON JUL 22 *	17 300	1966
1967	20.0 AT 06:30 EST ON AUG 28	12.8 ON AUG 28	0.082 ON JUN 04	30 900	1967
1968	15.1 B AT 09:00 EST ON MAR 19	13.2 B ON MAR 19	0.092 ON AUG 12	23 100	1968
1969	15.9 AT 20:31 EST ON APR 18	9.97 ON APR 18	0.051 ON JUL 21	18 400	1969
1970	6.97 AT 23:10 EST ON APR 02	5.38 ON APR 03	0.076 ON OCT 11	15 500	1970
1971	21.4 ON DEC	10.9 E ON APR 02	0.074 ON AUG 21	20 900	1971
1972	20.8 AT 01:15 EST ON APR 12	18.3 ON APR 13	0.079 ON JUL 26	24 900	1972
1973	---	18.0 ON MAR 04	0.068 ON SEP 13	27 600	1973
1974	28.1 AT 08:56 EST ON APR 04	15.7 ON APR 04	0.099 ON AUG 12	23 100	1974
1975	---	21.5 E ON FEB 24	0.057 ON AUG 16	20 200	1975
1976	---	12.7 B ON MAR 21	0.110 ON JUN 12	29 700	1976
1977	26.7 AT 11:30 EST ON MAR 13	18.1 ON MAR 13	0.082 ON JUL 26	29 500	1977
1978	27.5 AT 21:07 EST ON MAY 14	19.6 ON APR 07	0.057 ON JUL 12	30 700	1978
1979	19.9 AT 14:30 EST ON DEC 25	16.9 ON DEC 25	0.030R ON FEB 19	31 300	1979
1980	33.3 AT 17:22 EST ON MAR 21	22.1 ON MAR 21	0.050R ON FEB 03	23 800	1980
1981	16.5 AT 15:05 EST ON SEP 05	11.9 ON SEP 05	0.069 ON JUL 17	22 700	1981
1982	18.6 AT 02:42 EST ON DEC 26	13.0 B ON MAR 14	0.108 ON JUL 14	38 900	1982
1983	13.0 AT 03:28 EST ON MAY 03	10.0 B ON FEB 03	0.080 ON JUL 28	26 100	1983
1984	36.3 AT 09:10 EST ON FEB 14 *	26.0 B ON FEB 14 *	0.104 ON AUG 12	32 200	1984
1985	27.6 AT 19:40 EST ON FEB 24	21.1 B ON FEB 24	0.077 ON AUG 05	34 000	1985
1986	34.6 AT 07:30 EST ON SEP 11	24.7 ON SEP 11	0.087 ON JUL 11	40 300	1986
1987	19.6 AT 01:00 EST ON MAR 09	15.0 E ON MAR 08	0.107 ON AUG 25	23 200	1987
1988	22.0 AT 07:55 EST ON MAR 24	14.2 ON MAR 24	0.056 ON JUL 10	20 100	1988
1989	10.9 AT 11:20 EST ON NOV 15	9.39 ON NOV 15	0.063 ON JUL 12	19 100	1989
1990	---	22.0 B ON MAR 12	0.120 ON AUG 03	34 500	1990
				25 700	MEAN

B - ICE CONDITIONS * - EXTREME RECORDED FOR THE PERIOD OF RECORD
E - ESTIMATED R - REVISED SINCE JAN 01 1989

LITTLE WHITE RIVER BELOW BOLAND RIVER - STATION NO. 02CC010

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1980	---	---	---	---	---	---	---	---	---	6.87	6.22	4.52	---	1980
1981	3.78	5.06	8.23	56.2	18.0	27.8	15.6	6.15	5.58	9.53	10.5	7.36	14.4	1981
1982	5.63	4.69	4.90	35.5	44.3	11.4	6.23	4.50	9.41	25.3	25.7	25.3	16.9	1982
1983	20.8	10.8	15.6	49.0	45.0	40.3	8.57	5.26	4.23	11.6	11.6	10.1	19.4	1983
1984	7.44	7.74	7.05	38.9	21.1	13.8	14.3	7.51	12.6	18.8	31.5	27.1	17.3	1984
1985	13.7	7.24	8.36	63.1	39.3	13.1	7.51	7.83	6.60	11.0	10.0	8.90	17.0	1985
1986	6.57	5.84	6.56	46.6	22.9	13.2	12.6	17.0	13.8	10.3	11.4	8.55	15.3	1986
1987	6.72	5.24	7.42	21.5	11.0	7.63	6.02	3.81	2.29	3.33	5.25	8.33	7.38	1987
1988	6.33	5.25	5.78	70.6	30.7	9.53	5.78	8.20	6.11	22.8	50.9	24.9	21.2	1988
1989	11.8	7.55	6.86	37.5	38.6	18.7	7.06	4.76	3.45	2.69	4.32	3.24	12.2	1989
1990	3.46	3.89	16.2	27.3	48.2	18.2	16.7	6.29	3.75	9.51	14.2	15.5	15.4	1990
MEAN	8.62	6.33	8.70	44.6	31.9	17.4	10.0	7.13	6.78	12.7	17.9	13.1	15.6	MEAN

LOCATION - LAT 46 34 49 N LONG 082 57 58 W DRAINAGE AREA, 1 190 km² REGULATED

LITTLE WHITE RIVER BELOW BOLAND RIVER - STATION NO. 02CC010

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1980	---	---	---	---	1980
1981	147 AT 05:25 EST ON APR 06	141 R ON APR 06	3.50B ON FEB 07	455 000	1981
1982	116 AT 01:48 EST ON APR 28	111 ON APR 27	4.08 ON AUG 21	533 000	1982
1983	165 AT 03:57 EST ON APR 16	160 ON APR 16	3.88 ON SEP 15	612 000	1983
1984	67.6 AT 17:25 EST ON APR 17	65.9 ON APR 17	5.40B ON MAR 20	547 000	1984
1985	262 AT 00:06 EST ON APR 25 *	252 ON APR 25 *	5.48 ON SEP 22	530 000	1985
1986	64.1 AT 11:01 EST ON APR 21	63.8 ON APR 21	5.20B ON MAR 07	482 000	1986
1987	33.0 AT 23:07 EST ON APR 14	31.7 ON APR 15	1.97 ON SEP 28 *	233 000	1987
1988	163 AT 06:54 EST ON APR 08	160 ON APR 08	4.55B ON MAR 23	669 000	1988
1989	81.8 AT 11:19 EST ON APR 29	81.2 ON APR 29	2.39 ON OCT 01	385 000	1989
1990	90.2 AT 02:57 EST ON MAY 20	88.8 ON MAY 19	2.97B ON JAN 16	484 000	1990
				494 000	MEAN

B - ICE CONDITIONS

* - EXTREME RECORDED FOR THE PERIOD OF RECORD
R - REVISED SINCE JAN 01 1989

LITTLE WHITE RIVER NEAR BELLINGHAM - STATION NO. 02CC005

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1942	---	---	---	---	---	---	15.1	10.6	10.6	17.4	38.0	15.7	---	1942
1943	11.4	9.53	9.61	48.3	80.4	94.0	34.1	18.0	17.0	11.8	25.8	12.9	31.1	1943
1944	10.4	9.24	8.93	47.4	60.4	26.7	15.0	11.8	14.7	14.9	23.0	16.6	21.6	1944
1945	12.5	10.3	10.8	70.1	47.8	46.1	18.7	10.3	10.7	21.4	44.6	15.9	28.9	1945
1946	22.9	18.6	50.8	41.2	41.2	32.5	15.8	11.7	12.0	10.1	28.3	31.0	26.4	1946
1947	17.6	13.2	9.63	53.6	87.9	73.7	39.5	19.1	17.0	12.7	11.6	11.4	30.6	1947
1948	10.8	8.65	10.7	67.7	74.6	18.5	12.1	13.0	7.78	5.64	18.8	24.6	20.8	1948
1949	14.3	13.2	17.6	77.9	57.7	34.1	24.0	12.5	7.74	8.21	14.0	12.7	24.5	1949
1950	19.7	19.0	17.0	73.0	116	40.4	20.3	10.3	6.02	6.55	8.35	12.7	29.1	1950
1951	10.3	9.13	14.9	139	58.1	22.4	12.6	14.6	18.6	66.1	59.4	37.7	41.1	1951
1952	24.8	15.4	12.5	87.1	46.8	25.5	17.4	21.4	17.7	12.1	23.1	33.9	27.8	1952
1953	17.9	19.1	36.4	109	65.0	33.7	17.5	14.5	14.5	11.0	10.1	19.9	30.5	1953
1954	12.6	12.6	13.0	95.2	69.8	41.3	16.6	9.14	9.69	47.2	24.9	15.2	30.6	1954
1955	11.5	9.93	12.0	84.4	31.0	14.5	8.78	6.68	5.74	10.4	24.2	15.9	19.5	1955
1956	12.5	8.94	7.50	44.9	68.2	33.0	17.5	13.4	10.7	8.27	13.4	12.3	21.7	1956
1957	9.11	10.1	16.7	88.6	64.5	42.2	43.5	11.0	9.53	9.71	27.2	28.5	30.1	1957
1958	21.4	10.2	11.0	37.1	31.4	8.99	16.7	6.18	5.46	11.4	17.3	17.3	16.2	1958
1959	9.94	7.79	10.1	67.8	80.5	23.8	13.8	7.95	10.9	33.0	32.7	19.4	26.5	1959
1960	15.3	11.4	5.72	91.3	138	32.2	28.5	14.9	25.1	19.3	34.1	28.3	37.0	1960
1961	16.0	8.77	10.9	41.4	46.8	36.4	34.5	15.2	36.0	25.5	33.4	38.0	28.6	1961
1962	25.7	16.1	13.4	51.8	91.8	21.6	9.93	7.13	9.95	11.9	12.5	14.2	24.0	1962
1963	10.9	8.41	9.98	91.3	34.1	15.0	7.17	8.53	7.71	4.13	13.0	12.7	18.5	1963
1964	8.86	8.58	6.67	90.2	69.5	20.6	8.93	9.03	16.2	31.6	23.2	29.3	26.9	1964
1965	21.8	17.7	13.5	44.8	109	[illegible]	14.2	14.5	42.3	51.6	43.8	32.0	36.0	1965
1966	21.6	24.2	34.6	90.4	51.8	38.3	10.7	8.61	6.39	18.5	38.7	48.2	32.7	1966
1967	25.2	17.8	14.2	123	107	38.3	16.6	15.9	8.19	11.2	32.8	21.6	35.8	1967
1968	16.9	11.2	17.5	87.4	47.1	27.8	17.8	12.2	22.5	26.6	42.5	29.6	29.1	1968
1969	19.7	19.2	14.0	73.7	49.6	44.4	40.2	13.3	8.03	22.3	25.4	14.3	28.6	1969
1970	11.7	9.60	9.44	40.7	59.7	115	26.7	17.6	32.6	36.1	37.7	35.1	35.9	1970
1971	16.4	14.3	25.5	89.6	94.4	35.2	13.3	10.7	10.0	11.5	24.0	30.8	31.4	1971
1972	18.5	13.3	11.7	49.7	118	20.8	10.5	15.6	24.2	21.3	25.1	14.4	28.7	1972
1973	13.0	16.9	51.8	96.4	61.9	32.4	21.7	35.7	13.2	11.6	13.2	14.4	29.6	1973
1974	12.6	10.8	11.0	77.4	60.2	38.9	16.0	8.39	7.06	9.02	26.1	20.1	24.8	1974
1975	19.6	14.8	12.3	57.0	98.6	44.7	16.2	7.37	7.37	6.30	14.4	24.6	27.0	1975
1976	11.9	10.8	11.7	114	56.1	21.5	9.23	5.14	4.06	3.47	3.93	4.33	21.4	1976
1977	5.79	5.61	19.2	78.3	77.1	31.5	9.61	5.59	13.0	44.4	62.1	36.2	26.5	1977
1978	18.7	12.5	10.1	29.5	75.1	27.5	15.0	10.1	24.7	62.7	28.3	16.5	27.5	1978
1979	13.2	10.2	35.9	159	77.7	44.9	36.3	16.1	14.2	31.7	68.7	33.0	44.8	1979
1980	19.1	14.1	11.3	69.8	44.6	24.6	14.7	9.61	8.97	11.8	9.04	8.53	20.5	1980
1981	7.16	11.3	18.0	94.6	30.8	45.1	27.4	11.2	10.1	18.8	20.2	14.2	25.7	1981
1982	10.6	9.06	13.1	68.6	77.1	21.5	12.1	7.52	17.4	41.5	43.8	45.6	30.7	1982
1983	38.2	20.9	31.7	82.0	69.6	62.3	15.9	8.90	6.27	19.2	27.0	19.6	33.0	1983
1984	12.6	16.2	16.9	64.8	35.6	24.4	25.0	13.5	22.0	31.4	54.3	47.2	30.3	1984
1985	25.9	16.1	17.0	107	65.6	24.2	15.3	14.6	12.4	20.9	34.1	15.1	30.7	1985
1986	12.9	9.49	11.2	78.3	37.7	22.7	20.7	25.1	23.9	30.2	20.0	14.1	25.5	1986
1987	11.0	9.48	15.6	36.0	21.5	14.6	10.1	5.88	3.24	5.93	10.7	17.0	13.2	1987
1988	10.6	9.61	15.1	120	48.1	17.0	9.14	13.8	10.6	39.4	105	45.0	36.8	1988
1989	21.0	13.5	14.3	70.1	65.1	31.7	13.5	8.35	5.97	4.41	7.81	5.81	21.8	1989
1990	6.47	7.54	30.2	48.7	81.6	31.2	27.7	11.8	7.01	16.9	24.7	27.1	26.9	1990
MEAN	15.7	12.6	17.3	75.4	64.8	33.9	19.2	12.3	13.6	21.0	28.1	22.7	28.1	MEAN

LOCATION - LAT 46 23 38 N LONG 083 17 10 W DRAINAGE AREA, 1 960 km² REGULATED

LITTLE WHITE RIVER NEAR BELLINGHAM - STATION NO. 02CC005

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1942	---	47.6 ON NOV 01	---	---	1942
1943	---	154 ON JUN 20	8.69RB ON MAR 11	980 000	1943
1944	---	149 ON APR 28	8.50B ON MAR 07	682 000	1944
1945	---	137 ON MAR 30	7.45 ON SEP 08	913 000	1945
1946	---	81.8 ON MAR 22	7.90 ON OCT 23	833 000	1946
1947	---	154 ON MAY 04	8.50 ON NOV 02	966 000	1947
1948	---	95.4 ON APR 12	4.45 ON OCT 08	659 000	1948
1949	---	110 ON APR 15	6.82 ON OCT 06	773 000	1949
1950	---	189 ON MAY 09	5.21 ON SEP 25	918 000	1950
1951	---	294 ON APR 14	9.69RB ON FEB 14	1 300 000	1951
1952	---	206 ON APR 23	9.00 ON NOV 14	880 000	1952
1953	---	161 ON APR 12	7.28 ON NOV 10	963 000	1953
1954	---	203 ON APR 28	5.86 ON SEP 17	965 000	1954
1955	---	178 ON APR 16	4.76 ON SEP 26	616 000	1955
1956	---	88.1 ON MAY 17	6.71 ON OCT 23	688 000	1956
1957	---	226 ON APR 27	5.38 ON OCT 09	949 000	1957
1958	---	59.5 ON MAY 07	4.39 ON SEP 04	512 000	1958
1959	---	142 ON APR 19	5.07 ON AUG 15	837 000	1959
1960	---	294 ON MAY 11	4.81RB ON MAR 26	1 170 000	1960
1961	123 AT 11:20 EST ON SEP 16	116 ON SEP 16	7.53B ON FEB 22	902 000	1961
1962	---	177 ON MAY 09	4.81 ON AUG 24	755 000	1962
1963	---	116 ON APR 20	4.92 ON OCT 18	503 000	1963
1964	194 AT 04:00 EST ON APR 23	191 ON APR 23	5.24 ON JUL 31	850 000	1964
1965	207 AT 10:30 EST ON MAY 04	206 ON MAY 04	9.51 ON JUL 31	1 130 000	1965
1966	273 AT 07:00 EST ON APR 23	269 ON APR 23	5.83 ON SEP 26	1 030 000	1966
1967	439 AT 03:15 EST ON MAY 04	402 ON MAY 04	6.80 ON OCT 07	1 130 000	1967
1968	129 AT 06:00 EST ON APR 16	121 ON APR 16	7.99 ON AUG 15	927 000	1968
1969	141 AT 03:00 EST ON APR 18	140 ON APR 18	6.60 ON SEP 14	904 000	1969
1970	422 AT 06:08 EST ON JUN 03	374 ON JUN 02	7.87B ON MAR 13	1 130 000	1970
1971	173 AT 06:57 EST ON APR 23	172 ON APR 23	8.27 ON SEP 19	989 000	1971
1972	311 AT 18:09 EST ON MAY 04	309 ON MAY 04	8.38 ON JUL 31	907 000	1972
1973	108 AT 21:42 EST ON MAY 04	106 ON MAY 04	9.98B ON JAN 18	933 000	1973
1974	174 AT 03:16 EST ON APR 24	170 ON APR 24	5.10 ON SEP 09	781 000	1974
1975	232 AT 21:33 EST ON MAY 02	227 ON MAY 03	4.53 ON SEP 05	851 000	1975
1976	219 AT 23:02 EST ON APR 20	215 ON APR 19	1.98E ON NOV 20 *	677 000	1976
1977	114 AT 07:19 EST ON APR 19	114 ON APR 19	4.36 ON AUG 25	837 000	1977
1978	124 AT 07:41 EST ON OCT 08	122 ON OCT 08	7.25 ON AUG 22	868 000	1978
1979	497 AT 22:14 EST ON APR 27 *	489 ON APR 28 *	9.00B ON FEB 20	1 410 000	1979
1980	120 AT 05:00 EST ON APR 11	118 ON APR 11	3.66 ON NOV 15	647 000	1980
1981	217 AT 06:26 EST ON APR 06	215 ON APR 06	6.56B ON FEB 07	809 000	1981
1982	182 AT 16:23 EST ON APR 27	181 ON APR 27	6.00 ON AUG 21	968 000	1982
1983	236 AT 18:57 EST ON APR 16	230 ON APR 16	4.81 ON SEP 15	1 040 000	1983
1984	108 AT 07:38 EST ON APR 18	107 ON APR 18	11.3 ON AUG 13	958 000	1984
1985	337 AT 15:06 EST ON APR 25	333 ON APR 25	10.2 ON SEP 22	967 000	1985
1986	105 AT 18:23 EST ON APR 09	104 ON APR 06	7.40B ON MAR 09	806 000	1986
1987	47.0 AT 12:29 EST ON APR 15	45.6 ON APR 15	2.55 ON SEP 28	418 000	1987
1988	252 AT 21:49 EST ON APR 08	245 ON APR 09	4.29 ON AUG 04	1 160 000	1988
1989	135 AT 04:00 EST ON APR 29	134 ON APR 29	4.01 ON OCT 01	687 000	1989
1990	143 AT 22:28 EST ON MAY 19	142 ON MAY 19	5.38B ON JAN 16	848 000	1990
				886 000	MEAN

B - ICE CONDITIONS
E - ESTIMATED

* - EXTREME RECORDED FOR THE PERIOD OF RECORD
R - REVISED SINCE JAN 01 1989

LONG LAKE DIVERSION TO LAKE SUPERIOR - STATION NO. 04JD003

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1939	0	0	0	0	0	0	2.97	10.3	10.4	5.37	0	0	2.44	1939
1940	0	0	0	0	16.4	24.0	31.8	16.3	25.0	0	0	0	11.2	1940
1941	6.00	20.5	17.3	18.9	42.2	43.8	39.7	34.5	36.5	14.1	49.2	43.9	32.4	1941
1942	19.0	26.6	20.5	20.5	50.4	65.4	54.6	45.5	35.9	14.8	39.3	33.1	40.3	1942
1943	24.3	24.4	24.5	20.0	45.3	64.6	68.9	59.1	40.9	39.3	36.5	36.0	43.2	1943
1944	28.3	20.8	17.4	16.3	37.7	77.2	61.6	70.9	63.5	46.7	45.5	39.0	45.5	1944
1945	30.8	24.1	19.6	17.3	31.0	61.8	38.0	47.1	18.0	30.6	16.8	31.6	35.6	1945
1946	29.6	20.4	18.6	27.2	73.8	76.5	74.3	52.2	39.3	31.4	47.9	50.8	44.8	1946
1947	26.5	31.3	20.2	16.8	41.6	62.2	61.4	57.0	44.6	31.6	22.8	32.0	38.4	1947
1948	24.3	18.5	8.56	6.43	30.8	46.5	39.8	25.1	19.8	7.58	1.91	27.7	21.4	1948
1949	24.1	19.1	45.6	42.6	32.8	59.9	30.5	21.9	28.8	30.0	37.5	40.4	35.7	1949
1950	45.2	45.1	39.6	29.9	52.8	64.8	65.6	39.0	37.8	40.9	69.1	62.0	49.3	1950
1951	44.0	34.5	26.4	28.2	38.0	45.4	56.9	29.4	46.9	33.0	42.2	46.8	37.1	1951
1952	45.6	40.9	29.1	20.2	37.4	59.1	54.2	43.7	36.0	35.3	24.9	29.3	37.0	1952
1953	25.3	29.5	26.6	26.3	82.5	66.7	51.6	30.9	33.7	35.8	32.0	27.5	37.3	1953
1954	32.2	37.3	33.5	28.4	78.4	73.2	31.8	33.2	33.8	25.7	33.5	30.2	39.1	1954
1955	32.1	42.4	40.1	24.4	55.6	49.1	37.1	31.8	36.0	27.8	28.8	29.6	36.2	1955
1956	27.5	24.6	25.8	22.6	16.7	61.6	45.0	33.0	29.9	37.6	34.9	26.6	32.1	1956
1957	21.2	19.3	19.6	23.1	71.2	74.5	54.6	35.8	34.4	35.7	34.9	36.6	38.3	1957
1958	41.6	46.1	32.2	33.5	66.5	82.0	61.5	36.6	38.6	33.0	29.6	29.2	49.0	1958
1959	38.1	49.1	35.6	27.9	33.6	52.9	33.7	30.1	23.5	22.5	22.8	23.6	32.7	1959
1960	27.9	38.7	30.8	26.1	50.6	71.3	39.9	26.9	25.1	18.7	34.9	41.0	35.9	1960
1961	41.8	46.4	39.0	34.5	74.0	69.5	57.0	24.3	33.6	43.1	55.4	33.3	42.1	1961
1962	40.0	54.5	40.9	34.5	41.9	78.1	57.1	33.2	43.1	38.5	36.1	36.8	43.1	1962
1963	40.0	39.3	30.4	26.1	42.9	78.4	40.0	27.8	31.9	34.6	32.9	34.3	36.5	1963
1964	38.1	33.5	30.4	34.9	87.6	98.1	78.2	39.2	50.6	74.0	48.4	43.0	56.2	1964
1965	42.3	40.3	57.8	61.3	69.6	59.8	30.5	27.7	19.7	62.2	39.0	41.6	46.0	1965
1966	52.0	48.8	37.4	37.9	80.1	76.2	48.2	63.4	31.1	46.2	46.0	42.9	52.5	1966
1967	56.7	48.8	34.9	41.4	88.1	82.6	49.4	42.7	20.0	21.0	39.7	48.2	47.8	1967
1968	54.6	44.6	33.1	41.5	73.7	79.8	81.8	71.6	34.0	30.8	44.2	52.4	54.4	1968
1969	50.5	48.1	39.6	38.4	81.6	85.4	49.2	39.0	35.9	33.4	25.4	22.8	45.9	1969
1970	34.6	45.1	38.6	29.7	57.4	86.0	72.5	40.1	35.7	56.9	65.2	46.5	51.5	1970
1971	51.4	55.8	45.1	37.5	70.1	68.1	37.6	29.0	6.14	22.1	73.4	47.3	45.2	1971
1972	44.1	48.0	34.5	30.9	70.2	58.0	34.3	31.3	25.8	38.8	48.6	51.4	42.4	1972
1973	42.3	34.7	28.5	24.4	32.6	35.2	51.5	40.7	15.2	33.1	23.8	41.7	35.3	1973
1974	38.4	40.7	31.6	24.5	22.2	35.3	44.1	43.4	34.8	40.3	46.3	48.1	37.5	1974
1975	44.4	40.5	31.8	25.9	25.1	44.7	50.5	25.8	28.9	10.9	32.3	43.4	33.6	1975
1976	31.6	44.6	32.6	18.9	38.2	48.0	49.9	45.4	31.2	21.7	18.3	15.1	34.7	1976
1977	13.1	12.0	20.3	19.1	71.3	53.9	77.4	43.3	31.9	34.3	46.2	47.8	42.3	1977
1978	36.4	49.1	35.2	25.8	19.2	75.9	54.9	39.0	40.6	16.3	9.00	36.3	36.4	1978
1979	31.0	25.9	20.1	22.2	70.5	60.2	38.1	26.8	25.8	8.77	18.8	44.8	32.6	1979
1980	47.1	34.4	30.3	28.2	50.9	41.5	37.9	27.9	14.7	24.3	41.7	51.4	35.9	1980
1981	42.0	36.4	37.8	34.2	39.3	33.9	39.8	28.5	9.96	3.64	13.0	10.0	27.4	1981
1982	41.7	38.5	20.6	15.5	46.9	60.0	57.5	47.0	13.8	65.6	48.5	54.7	43.6	1982
1983	49.4	51.9	43.8	33.0	40.1	67.7	46.4	39.3	19.8	22.9	51.3	48.4	42.0	1983
1984	53.6	56.3	41.8	23.4	90.8	69.3	72.3	51.6	53.4	42.3	27.1	38.6	51.8	1984
1985	29.4	23.4	27.9	30.9	40.7	55.6	41.6	75.3	51.9	92.1	83.1	56.6	52.5	1985
1986	54.1	54.7	39.4	20.5	71.6	48.7	52.2	42.0	23.8	33.7	27.6	36.0	40.8	1986
1987	39.7	37.6	27.3	12.6	0	40.2	13.4	4.80	16.1	19.8	20.8	36.3	21.4	1987
1988	37.7	32.8	24.8	11.8	56.7	56.6	49.7	53.7	60.2	95.4	72.6	59.4	51.2	1988
1989	46.4	51.0	38.4	30.4	68.8	48.4	38.3	24.3	21.1	12.7	9.21	22.1	34.2	1989
1990	19.7	19.8	26.0	16.9	48.0	64.6	56.9	31.9	---	---	45.8	49.6	---	1990
MEAN	36.8	36.0	29.8	26.0	50.9	59.9	48.2	38.1	32.8	33.8	36.9	37.8	39.0	MEAN

LOCATION - LAT 49 04 04 N
LONG 087 04 09 W REGULATED SINCE 1939

LONG LAKE DIVERSION TO LAKE SUPERIOR - STATION NO. 04JD003

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1939	---	38.2 ON AUG 21	0 ON JAN 01 *	77 100	1939
1940	---	46.7 ON SEP 12	0 ON JAN 01	353 000	1940
1941	---	82.4 ON JUL 07	0 ON JAN 01	1 020 000	1941
1942	---	81.6 ON JUN 15	1.56 ON NOV 03	1 270 000	1942
1943	---	77.3 ON JUN 14	6.94 ON MAY 29	1 360 000	1943
1944	---	85.5 ON JUN 07	1.16 ON OCT 24	1 440 000	1944
1945	---	69.7 ON JUN 25	0 ON MAY 13	1 120 000	1945
1946	---	82.7 ON MAY 25	9.60 ON OCT 03	1 410 000	1946
1947	---	71.4 ON JUN 14	0 ON OCT 28	1 210 000	1947
1948	---	104 ON JUN 15	0 ON MAY 02	678 000	1948
1949	---	90.6 ON JUN 21	1.95 ON MAY 15	1 130 000	1949
1950	---	88.6 ON MAY 26	20.2 ON OCT 02	1 560 000	1950
1951	---	70.2 ON OCT 30	8.50 ON JUN 21	1 170 000	1951
1952	---	71.4 ON JUN 06	0 ON APR 25	1 170 000	1952
1953	---	78.7 ON JUL 07	4.08 ON DEC 25	1 180 000	1953
1954	---	109 ON MAY 17	0 ON OCT 16	1 230 000	1954
1955	---	97.4 ON JUN 01	0 ON APR 26	1 140 000	1955
1956	---	83.8 ON JUN 28	0 ON MAY 06	1 020 000	1956
1957	---	84.4 ON MAY 20	9.94 ON JAN 19	1 210 000	1957
1958	---	91.7 ON JUN 22	0 ON NOV 06	1 420 000	1958
1959	---	83.5 ON JUN 03	0 ON MAY 10	1 030 000	1959
1960	---	86.1 ON JUN 11	0 ON SEP 03	1 140 000	1960
1961	---	96.0 ON MAY 16	0 ON AUG 19	1 130 000	1961
1962	---	97.7 ON JUN 20	0 ON MAY 19	1 360 000	1962
1963	---	105 ON JUN 06	0 ON JUL 12	1 150 000	1963
1964	---	122 ON JUN 10 *	0 ON AUG 01	1 780 000	1964
1965	---	99.7 ON OCT 14	0 ON JUL 01	1 450 000	1965
1966	---	101 ON AUG 20	25.5 ON OCT 24	1 660 000	1966
1967	---	101 ON JUN 10	0 ON NOV 01	1 510 000	1967
1968	---	99.7 ON JUN 12	0 ON AUG 30	1 720 000	1968
1969	---	100 ON MAY 25	21.3 ON DEC 31	1 450 000	1969
1970	---	116 E ON JUN 20	0 ON MAY 20	1 630 000	1970
1971	---	91.7 ON NOV 20	0 ON SEP 11	1 430 000	1971
1972	---	94.6 ON MAY 25	0 ON SEP 22	1 340 000	1972
1973	---	75.6 ON MAY 30	0 ON APR 26	1 110 000	1973
1974	---	93.4 ON MAY 21	0 ON MAY 03	1 180 000	1974
1975	---	101 ON JUN 18	0 ON MAY 01	1 060 000	1975
1976	---	65.7 ON JAN 17	0 ON APR 21	1 100 000	1976
1977	---	114 ON JUL 03	0 ON APR 19	1 330 000	1977
1978	---	92.3 ON JUN 17	0 ON MAY 11	1 150 000	1978
1979	---	88.1 ON MAY 19	0 ON OCT 21	1 030 000	1979
1980	---	92.7 ON MAY 18	0 ON AUG 30	1 140 000	1980
1981	---	60.5 ON JAN 15	0 ON SEP 15	863 000	1981
1982	---	97.7 ON JUL 10	0 ON MAY 01	1 300 000	1982
1983	---	103 ON MAY 25	0 ON MAY 05	1 330 000	1983
1984	---	100 ON JUN 12	0 ON APR 18	1 640 000	1984
1985	---	98.6 ON AUG 15	0 ON APR 27	1 660 000	1985
1986	---	96.2 ON MAY 20	0 ON APR 19	1 290 000	1986
1987	---	51.4 ON JAN 31	0 ON APR 17	675 000	1987
1988	---	103 ON SEP 27	0 ON APR 20	1 620 000	1988
1989	---	93.1 ON MAY 18	0 ON MAY 04	1 080 000	1989
1990	---	105 ON MAY 25	0 ON APR 24	---	1990
	E - ESTIMATED	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		1 230 000	MEAN

LONG-LEGGED RIVER BELOW LONG-LEGGED LAKE - STATION NO. 05QE012

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1980	2.31	2.08	1.82	3.31	5.67	3.34	1.68	1.05	0.941	1.21	1.32	1.44	2.18	1980
1981	1.35	1.25	1.08	1.15	1.09	1.76	3.55	4.63	3.88	2.99	2.50	2.06	2.28	1981
1982	1.85	1.42	1.76	1.66	2.42	8.15	10.7	6.21	2.75	1.42	1.63	1.37	1.48	1982
1983	1.48	1.34	1.46	1.51	2.55	4.27	4.60	2.84	1.50	1.07	0.918	1.02	2.05	1983
1984	1.04	1.15	1.11	1.95	4.78	8.10	7.26	3.36	1.31	1.33	2.70	3.21	3.11	1984
1985	3.04	2.36	1.84	2.38	9.12	6.40	5.70	4.98	7.45	7.32	5.52	3.84	5.01	1985
1986	2.72	2.25	1.98	4.90R	11.7 R	9.09R	3.15	2.81	2.14	2.94	2.82	2.45	3.84 R	1986
1987	1.79	1.43	1.35	3.41	3.87	2.74	2.17	1.93	0.967	0.519	0.386	0.391	1.75	1987
1988	0.459	0.537	0.680	1.20	2.54	2.78	2.72	1.60	1.31	1.52	1.59	1.76	1.56	1988
1989	1.97	1.83	1.55	1.67	8.58	10.9	7.81	4.07	1.88	0.906	0.710	0.684	3.56	1989
1990	0.841	0.915	0.971	1.46	5.10	8.16	11.9	4.77	1.88	0.931	0.600	0.591	3.19	1990
MEAN	1.71	1.53	1.41	2.31R	5.74R	5.93R	5.16	3.16	2.24	2.03	1.86	1.72	2.91 R	MEAN

LOCATION - LAT 50 40 39 N
LONG 093 58 07 W

DRAINAGE AREA, 548 km^2
NATURAL FLOW

R - REVISED SINCE JAN 01 1989

LONG-LEGGED RIVER BELOW LONG-LEGGED LAKE - STATION NO. 05QE012

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1980	6.61 AT 20:23 CST ON MAY 03	6.46 ON MAY 05	0.801 ON SEP 15	69 000	1980
1981	6.12 AT 03:20 CST ON AUG 12	6.03 ON AUG 12	0.942 ON MAY 21	72 000	1981
1982	12.4 AT 15:05 CST ON JUN 10	12.0 ON JUN 10	1.17 ON SEP 27	109 000	1982
1983	5.76 AT 19:05 CST ON JUL 04	5.72 ON JUL 04	0.788 ON NOV 18	64 700	1983
1984	9.70 AT 21:31 CST ON JUN 27	9.65 ON JUN 27	0.877 ON OCT 12	98 500	1984
1985	10.9 AT 17:39 CST ON MAY 17	10.6 ON MAY 16	1.46 ON APR 12	158 000	1985
1986	13.0 ON MAY 13	12.9 R ON MAY 13	1.75 ON SEP 16	121 000	1986
1987	5.44 AT 08:11 CST ON APR 27	5.24 ON APR 27	0.330 ON DEC 06 *	55 100	1987
1988	3.53 AT 13:53 CST ON JUN 01	3.34 ON JUN 04	0.429 ON JAN 01	49 400	1988
1989	12.2 AT 16:53 CST ON JUN 03	12.1 ON MAY 29	0.634A ON NOV 03	112 000	1989
1990	14.7 AT 16:51 CST ON JUL 09 *	14.6 ON JUL 09 *	0.538 ON NOV 19	101 000	1990
				91 800	MEAN

A - MANUAL GAUGE
(SEE REFERENCE INDEX)

* - EXTREME RECORDED FOR THE PERIOD OF RECORD
R - REVISED SINCE JAN 01 1989

LUCKNOW RIVER AT LUCKNOW - STATION NO. 02FD002

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1980	0.969	0.434	2.79	2.83	0.717	0.350	0.303	0.162	0.328	1.05	0.852	1.73	1.05	1980
1981	0.391	4.09	1.97	1.36	1.13	0.377	0.087	0.159	0.443	0.782	1.00	0.904	1.04	1981
1982	0.948	0.456	4.78	3.14	0.661	1.51	0.337	0.308	0.303	0.288	1.11	2.25	1.18	1982
1983	1.10	1.46	1.04	1.24	1.07	0.427	0.203	0.230	0.458	0.660	0.887	1.41	0.845	1983
1984	0.631	4.11	2.31	1.58	1.09	0.622	0.252	0.171	0.351	0.364	1.27	1.60	1.18	1984
1985	0.979	2.52	5.05	3.71	0.809	0.424	0.251	0.262	0.498	0.581	1.31	0.882	1.43	1985
1986	1.21	0.781	3.55	1.43	0.651	0.652	0.338	0.335	1.41	1.93	0.893	1.15	1.36	1986
1987	0.830	0.565	2.72	1.43	0.337	0.339	0.229	0.252	0.174	0.692	1.92	2.45	0.941	1987
1988	1.27	1.67	2.37	1.17	0.642	0.153	0.094	0.123	0.167	1.32	1.74	1.51	1.02	1988
1989	1.16	0.666	2.09	1.29	0.570	0.606	0.152	0.131	0.105	0.142	0.627	0.468	0.668	1989
1990	2.32	1.52	2.64	1.24	0.694	0.222	0.181	0.136	0.181	0.932	2.00	2.19	1.19	1990
MEAN	1.07	1.66	2.66	1.86	0.761	0.517	0.221	0.206	0.583	0.795	1.20	1.48	1.08	MEAN

LOCATION - LAT 43 57 44 N
LONG 081 30 55 W
DRAINAGE AREA, 54.9 km^2
NATURAL FLOW

LUCKNOW RIVER AT LUCKNOW - STATION NO. 02FD002

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1980	16.3 AT 14:38 EST ON MAR 21	13.1 ON MAR 21	0.107 ON AUG 25	33 100	1980
1981	18.6 AT 14:39 EST ON FEB 23	16.8 ON FEB 23	0.026 ON JUL 25 *	32 700	1981
1982	18.5 AT 15:58 EST ON MAR 31	17.4 ON MAR 31	0.155 ON AUG 19	37 100	1982
1983	5.84 AT 00:30 EST ON DEC 13	4.81 ON DEC 13	0.139 ON AUG 03	26 600	1983
1984	16.0 AT 19:15 EST ON FEB 14	14.3 ON FEB 14	0.125 ON AUG 25	37 400	1984
1985	18.0 AT 05:58 EST ON APR 06	15.7 ON MAR 20	0.149 ON AUG 04	45 100	1985
1986	25.2 AT 20:36 EST ON SEP 11 *	22.5 ON SEP 12 *	0.213 ON SEP 08	43 000	1986
1987	9.08 AT 23:17 EST ON MAR 08	7.02B ON MAR 09	0.102 ON SEP 10	29 700	1967
1988	11.9 AT 00:36 EST ON FEB 01	9.37 ON FEB 01	0.080 ON JUL 09	32 300	1988
1989	11.4 AT 14:10 EST ON MAR 15	9.33 ON MAR 15	0.086 ON SEP 06	21 100	1989
1990	16.4 AT 00:24 EST ON MAR 13	13.9 ON MAR 13	0.096 ON AUG 26	37 500	1990
				34 100	MEAN

B - ICE CONDITIONS

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

LUTTERAL CREEK NEAR OUSTIC - STATION NO. 02GA033

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1953	---	---	---	---	---	---	---	---	---	---	---	---	---	1953
1954	0.176	0.906	1.70	2.00	0.452	0.216	0.045	0.065	0.089	0.141	0.181	0.242	---	1954
										1.78	0.597	0.417	0.701	
1955	0.563	0.212	1.49	2.15	0.470	0.142	0.035	0.058	0.081	0.365	0.816	0.471	0.572	1955
1956	0.284	0.194	0.805	3.61	1.93	0.592	0.719	2.17	0.905	0.455	0.476	0.696	1.08	1956
1957	0.644	0.762	1.21	1.39	0.634	0.577	0.339	0.050	0.246	0.230	0.563	1.22	0.654	1957
1958	0.334	0.198	0.698	0.720	0.143	0.063	0.071	0.042	0.122	0.105	0.368	0.228	0.257	1958
1959	0.246	0.321	0.879	4.31	0.692	0.131	0.106	0.128	0.093	0.270	0.622	0.511	0.689	1959
1960	0.368	0.409	0.356	4.26	2.26	0.747	0.347	0.211	0.391	0.219	0.329	0.086	0.828	1960
1961	0.057	0.832	1.03	0.973	0.641	0.701	0.401	0.093	0.141	0.125	0.212	0.285	0.437	1961
1962	0.085	0.064	1.60	1.27	0.206	0.097	0.045	0.038	0.040	0.202	0.628	0.403	0.391	1962
1963	0.159	0.165	0.813	0.880	0.552	0.111	0.033	0.037	0.034	0.044	0.107	0.061	0.250	1963
1964	0.153	0.122	1.07	1.09	0.481	0.145	0.145	0.194	0.175	---	---	---	---	1964
1966	---	---	1.99	1.41	1.05	0.691	0.067	0.048	0.067	0.077	0.306	0.895	---	1966
1967	0.356	0.278	1.08	2.26	0.483	1.21	0.719	0.194	0.165	0.559	0.751	1.46	0.794	1967
1968	0.371	1.69	2.93	1.06	0.528	0.240	0.428	0.946	0.945	0.652	1.13	0.875	0.945	1968
1969	0.868	0.884	1.83	3.25	1.19	0.273	0.119	0.082	0.053	0.120	0.494	0.224	0.762	1969
1970	0.142	0.178	0.522	2.33	0.734	0.170	0.217	0.155	0.274	0.494	0.800	1.25	0.606	1970
1971	0.529	0.508	0.886	2.98	0.431	0.621	0.393	0.206	0.133	0.144	0.188	0.780	0.648	1971
1972	0.435	0.306	0.444	4.25	0.725	0.595	0.416	0.109	0.076	0.456	0.656	0.923	0.779	1972
1973	0.919	0.792	1.26	1.30	1.19	0.985	0.125	0.139	0.073	0.142	0.671	0.487	0.809	1973
1974	0.750	0.641	2.84	2.03	1.63	0.371	0.137	0.082	0.071	0.099	0.327	0.260	0.772	1974
1975	0.401	0.610	1.74	3.04	0.676	0.311	0.080	0.105	0.160	0.184	0.403	0.553	0.686	1975
1976	0.314	1.17	3.44	1.77	1.15	0.539	0.154	0.443	0.372	0.645	0.472	0.295	0.923	1976
1977	0.169	0.151	2.49	1.24	0.312	0.154	0.133	0.238	0.517	1.11	1.01	1.05	0.719	1977
1978	0.852	0.368	0.725	3.73	1.12	0.254	0.255	0.088	0.365	0.354	0.522	0.576	0.751	1978
1979	0.514	0.248	3.19	2.50	0.908	0.417	0.120	0.084	0.074	0.239	0.766	1.04	0.852	1979
1980	0.618	0.241	2.36	1.87	0.744	0.625	0.588	0.206	0.170	0.467	0.372	0.743	0.753	1980
1981	0.261	2.46	0.902	0.981	0.529	0.279	0.439	0.463	0.596	0.916	0.876	0.434	0.748	1981
1982	0.245	0.196	1.14	3.22	0.590	1.09	0.266	0.233	0.376	0.431	1.55	2.34	0.973	1982
1983	0.847	1.06	1.25	1.67	1.58	0.419	0.098	0.122	0.138	0.281	0.419	0.398	0.705	1983
1984	0.221	1.84	1.84	1.79	0.566	0.340	0.165	0.086	0.195	0.222	0.582	1.03	0.735	1984
1985	0.467	1.52	3.50	2.75	0.505	0.294	0.304	0.345	0.739	0.747	1.80	1.07	1.16	1985
1986	0.607	0.484	2.09	1.22	0.804	0.532	0.468	1.01	3.75	1.89	0.791	0.837	1.22	1986
1987	0.657	0.518	2.30	1.85	0.305	0.163	0.353	0.142	0.104	0.238	0.465	0.837	0.663	1987
1988	0.710	0.708	1.59	1.46	0.479	0.100	0.084	0.097	0.150	0.353	0.984	0.549	0.804	1988
1989	0.610	0.278	1.40	1.18	0.782	1.10	0.130	0.119	0.081	0.137	0.668	0.160	0.554	1989
1990	0.833	1.20	2.25	0.963	0.714	0.218	0.115	0.141	0.119	0.693	1.05	1.75	0.838	1990
MEAN	0.447	0.632	1.66	2.08	0.785	0.420	0.239	0.249	0.337	0.433	0.638	0.712	0.731	MEAN

LOCATION - LAT 43 39 46 N LONG 080 15 19 W DRAINAGE AREA, 64.8 km² REGULATED

LUTTERAL CREEK NEAR OUSTIC - STATION NO. 02GA033

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1953	---	---	---	---	1953
1954	---	21.2 ON OCT 16	0.028 ON JUL 16	22 100	1954
1955	---	7.08B ON MAR 11	0.020 ON JUL 07	18 000	1955
1956	---	29.7 ON AUG 30 *	0.113 ON AUG 03	34 300	1956
1957	---	8.55 ON DEC 20	0.028 ON AUG 06	20 600	1957
1958	---	1.87 ON MAR 25	0.028 ON AUG 08	8 090	1958
1959	15.6 AT 22:00 EST ON APR 05	14.4 ON APR 06	0.048 ON JUN 26	21 700	1959
1960	---	10.4 B ON APR 02	0.040B ON DEC 15	26 200	1960
1961	---	5.47B ON FEB 25	0.054B ON JAN 16	13 800	1961
1962	19.7 ON MAR 30	15.6 ON MAR 30	0.011 ON AUG 31	12 300	1962
1963	6.30 ON MAR 27	5.92 ON MAR 27	0.008 ON JUL 11	7 880	1963
1964	2.90 ON APR 08	2.78 ON APR 08	---	---	1964
1966	---	---	---	---	1966
1967	13.8 AT 10:15 EST ON APR 03	10.3 ON APR 03	0.011B ON MAR 03	25 000	1967
1968	10.8 B AT 13:15 EST ON MAR 19	8.50B ON MAR 18	0.054 ON AUG 04	29 900	1968
1969	8.55 AT 10:39 EST ON APR 06	7.99 ON APR 05	0.034 ON SEP 15	24 000	1969
1970	8.72 AT 21:14 EST ON APR 09	7.59 ON APR 09	0.068 ON AUG 11	19 100	1970
1971	9.49 AT 11:25 EST ON APR 10	7.14 ON APR 10	0.076 ON AUG 09	20 400	1971
1972	15.5 AT 22:35 EST ON APR 17	13.9 ON APR 16	0.051 ON SEP 30	24 600	1972
1973	9.74 AT 08:15 EST ON MAR 12	9.09 ON MAR 12	0.040 ON SEP 12	25 500	1973
1974	20.1 AT 12:26 EST ON MAY 17	15.8 ON MAY 17	0.054 ON AUG 22	24 300	1974
1975	22.7 AT 11:10 EST ON APR 19	20.6 ON APR 19	0.031 ON AUG 19	21 600	1975
1976	16.4 AT 11:58 EST ON MAR 21	13.4 ON MAR 21	0.071 ON SEP 09	29 200	1976
1977	18.3 B AT 14:56 EST ON MAR 13	15.3 B ON MAR 13	0.065 ON JUL 27	22 700	1977
1978	9.57 AT 21:50 EST ON APR 11	8.38 ON APR 12	0.045 ON AUG 14	23 700	1978
1979	15.1 AT 16:31 EST ON APR 14	12.2 ON APR 14	0.031 ON SEP 12	26 900	1979
1980	---	19.0 B ON MAR 21	0.044 ON AUG 29	23 800	1980
1981	---	11.0 B ON FEB 21	0.014 ON JUL 18	23 600	1981
1982	19.5 AT 23:32 EST ON MAR 31	13.5 ON APR 01	0.115 ON JUL 15	30 700	1982
1983	6.63 AT 09:53 EST ON MAY 03	5.74 ON MAY 03	0.007 ON SEP 14	22 200	1983
1984	---	4.92B ON FEB 17	0.054 ON AUG 17	23 200	1984
1985	14.1 AT 01:33 EST ON APR 06	12.2 ON APR 06	0.076 ON AUG 06	36 700	1985
1986	28.1 AT 15:54 EST ON SEP 11 *	23.4 ON SEP 11	0.142 ON JUL 12	38 300	1986
1987	10.0 AT 12:39 EST ON APR 06	9.07 ON APR 06	0.061 ON AUG 24	20 900	1987
1988	8.14 AT 23:50 EST ON MAR 26	7.60B ON MAR 26	0.004 ON SEP 01 *	19 100	1988
1989	---	6.56 ON MAR 28	0.016 ON OCT 01	17 500	1989
1990	15.0 AT 19:27 EST ON MAR 12	12.0 ON MAR 13	0.015 ON AUG 04	26 400	1990
				23 100	MEAN

B - ICE CONDITIONS * - EXTREME RECORDED FOR THE PERIOD OF RECORD

LYN CREEK NEAR LYN - STATION NO. 02MB006

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1970	---	---	---	---	---	---	---	---	---	0.647	2.34	1.63	---	1970
1971	2.46	2.35	3.73	10.7	1.39	0.151	0.039	0.033	0.101	0.135	0.130	1.11	1.82	1971
1972	0.751	0.555	0.652	9.97	1.85	0.805	0.184	0.197	0.031	1.31	3.26	2.14	1.79	1972
1973	3.04	1.72	6.02	3.43	2.02	0.715	0.071	0.012	0.014	0.098	0.922	1.53	1.60	1973
1974	3.32	1.67	2.88	6.16	2.14	0.345	0.045	0.023	0.014	0.026	0.198	0.977	1.48	1974
1975	1.87	0.951	4.54	4.40	0.568	0.181	0.044	0.002	0.350	0.754	1.54	2.64	1.49	1975
1976	1.46	5.15	8.78	2.24	2.78	0.477	0.473	0.103	0.176	1.15	1.13	0.614	2.08	1976
1977	0.268	0.411	0.86	2.88	0.567	0.061	0.014	0.063	0.262	2.11	2.60	3.11	1.76	1977
1978	4.01	1.54	2.18	5.82	0.599	0.070	0.011	0.009	0.012	0.024	0.107	2.24	1.76	1978
1979	0.811	0.510	6.36	3.46	0.810	0.272	0.017	0.022	1.20	1.07	2.19	2.12	1.58	1979
1980	0.963	0.113	3.80	5.65	1.17	0.182	0.081	0.110	0.210	0.779	1.75	2.61	1.45	1980
1981	0.300	6.35	1.80	1.72	1.07	0.720	0.113	0.085	0.388	2.12	2.32	0.701	1.36	1981
1982	0.945	0.370	4.45	5.92	0.652	1.02	0.070	0.032	0.036	---	---	---	---	1982
1984	0.472	3.77	2.01	5.75	1.80	0.357	0.032	0.014	0.025	0.013	0.025	0.100	1.18	1984
1985	0.132	1.13	4.79	2.09	0.327	0.461	0.106	0.007	0.099	0.345	1.89	1.05	1.03	1985
1986	1.43	0.506	4.12	1.62	0.459	1.40	0.321	1.68	1.18	2.77	2.01	2.37	1.62	1986
1987	0.502	0.377	4.66	2.29	0.381	0.408	0.167	0.022	0.164	0.453	1.83	3.62	1.30	1987
1988	0.502	1.07	3.23	2.66	1.11	0.146	0.059	0.053	0.063	0.817	2.04	0.601	1.11	1988
1989	0.584	0.617	3.18	3.58	2.64	0.720	0.262	0.027	0.042	0.248	2.12	0.556	1.22	1989
1990	1.81	2.86	4.22	3.41	1.86	0.872	0.251	0.083	0.014	0.435	0.880	4.00	1.72	1990
MEAN	1.35	1.70	4.28	4.59	1.26	0.493	0.135	0.136	0.232	0.793	1.57	1.67	1.51	MEAN

LOCATION - LAT 44 31 30 N
LONG 075 48 19 W REGULATED

REMARKS - GAUGE INACTIVE OCT 1982-NOV 1983 DUE TO BRIDGE CONSTRUCTION

LYN CREEK NEAR LYN - STATION NO. 02MB006

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1970	---	---	---	---	1970
1971	30.9 AT 04:50 EST ON APR 13	28.9 ON APR 13	0.004 ON AUG 14	57 500	1971
1972	34.3 AT 03:18 EST ON APR 15	29.7 ON APR 15	0.025 ON SEP 23	56 600	1972
1973	---	23.0 ON MAR 18	0.008 ON AUG 17	50 600	1973
1974	40.5 AT 23:50 EST ON APR 04	33.7 ON APR 04	0.011 ON AUG 26	46 600	1974
1975	---	18.4B ON MAR 21	0.001 ON AUG 16 *	46 900	1975
1976	---	28.9B ON MAR 21	0.016 ON AUG 27	65 700	1976
1977	---	19.1B ON MAR 14 *	0.009 ON JUL 11	55 400	1977
1978	24.0 AT 06:20 EST ON APR 12	21.3 ON APR 12	0.008 ON JUL 18	51 400	1978
1979	18.7 AT 06:51 EST ON SEP 15	15.6 ON SEP 15	0.009 ON JUL 24	49 700	1979
1980	28.4 AT 12:40 EST ON MAR 22	25.5 ON MAR 22	0.015 ON JUL 18	45 900	1980
1981	---	24.9B ON FEB 21	0.026 ON AUG 07	43 700	1981
1982	43.2 AT 05:48 EST ON APR 01 *	37.8 ON APR 01	0.008 ON AUG 21	---	1982
1984	23.8 AT 01:25 EST ON APR 06	21.3 ON APR 06	0.003 ON OCT 02	37 300	1984
1985	19.1 AT 04:42 EST ON MAR 13	17.7 ON MAR 13	0.002 ON AUG 14	32 600	1985
1986	---	13.6B ON MAR 20	0.143 ON JUL 27	51 100	1986
1987	21.1E AT 19:30 EST ON NOV 30	16.2E ON DEC 01	0.003 ON AUG 23	41 100	1987
1988	---	13.7B ON MAR 26	0.015 ON JUL 13	35 100	1988
1989	27.4 AT 23:00 EST ON MAR 15	14.5 ON MAR 28	0.009 ON AUG 28	38 300	1989
1990	24.1 AT 18:40 EST ON DEC 30	17.6 ON DEC 30	0.006 ON SEP 12	54 300	1990
				47 800	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

LYNDE CREEK NEAR WHITBY - STATION NO. 02HC018

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1959	---	---	---	---	0.641	0.192	0.143	0.165	0.255	0.288	0.435	0.922	---	1959
1960	0.673	1.58	1.19	5.17	4.07	0.459	0.288	0.151	---	---	---	0.289	---	1960
1961	0.420	1.24	1.57	1.23	0.797	0.406	0.245	0.184	0.176	0.179	0.397	0.448	0.586	1961
1962	0.550	0.192	2.45	0.726	0.273	0.169	0.155	0.101	0.141	0.260	0.381	0.326	0.480	1962
1963	0.162	0.168	1.79	0.698	0.779	0.174	0.124	0.146	0.163	0.143	0.253	0.193	0.402	1963
1964	0.657	0.333	1.18	1.01	0.403	0.152	0.117	0.671	0.181	0.200	0.360	0.570	0.488	1964
1965	0.413	2.11	1.61	2.07	0.370	0.125	0.404	0.160	0.170	1.11	2.21	3.06	1.14	1965
1966	0.626	0.458	2.97	0.907	0.538	0.291	0.054	0.083	0.137	0.155	0.541	1.32	0.593	1966
1967	1.18	0.764	2.48	2.09	0.743	0.531	0.791	0.686	0.175	0.900	1.48	1.26	1.11	1967
1968	0.629	0.222	2.44	1.16	0.840	0.457	0.162	0.233	0.314	0.720	0.659	0.556	0.987	1968
1969	0.791	0.841	2.27	2.43	1.16	0.338	0.188	0.205	0.131	0.192	0.323	0.351	0.768	1969
1970	0.201	0.636	3.06	1.97	0.663	0.228	0.264	0.141	0.216	0.304	0.513	0.739	0.746	1970
1971	0.465	1.49	2.41	1.06	0.408	0.131	0.571	0.538	0.583	0.328	0.391	1.07	0.981	1971
1972	1.01	0.650	1.38	6.04	0.703	0.404	0.262	0.296	0.287	---	---	---	---	1972
1975	---	---	---	---	---	---	---	0.175	0.261	0.247	0.500	0.606	---	1975
1976	0.333	3.22	4.46	1.56	1.20	0.405	0.759	0.359	0.320	0.387	0.342	0.182	1.12	1976
1977	0.140	0.389	3.19	1.24	0.233	0.149	0.218	0.396	0.727	1.06	1.55	1.90	0.938	1977
1978	0.113	0.193	2.18	4.35	1.45	0.299	0.241	0.380	0.424	0.396	0.509	0.454	1.01	1978
1979	0.331	0.237	3.07	2.16	0.857	0.286	0.200	0.212	0.247	0.471	0.669	1.13	0.827	1979
1980	0.954	0.359	3.60	3.38	0.593	0.534	0.853	0.365	0.446	0.888	0.946	1.00	1.16	1980
1981	0.240	5.08	1.02	0.869	0.697	0.423	0.314	0.647	1.02	1.34	1.28	0.571	1.09	1981
1982	0.551	0.282	4.07	2.90	0.492	0.963	0.383	0.250	0.382	0.464	1.54	1.40	1.14	1982
1983	1.03	1.26	1.67	1.98	1.65	0.338	0.109	0.164	0.204	0.398	0.827	1.05	0.887	1983
1984	0.255	3.54	2.76	2.39	1.10	0.305	0.180	0.340	0.639	0.382	1.03	1.06	1.15	1984
1985	0.404	2.61	3.72	2.45	0.726	0.342	0.323	0.357	0.297	0.400	2.30	0.838	1.22	1985
1986	1.10	0.743	2.93	0.761	0.469	0.410	0.426	1.91	2.63	1.22	0.695	1.56	1.24	1986
1987	0.764	0.533	3.56	1.77	0.449	0.444	0.386	0.263	0.361	0.417	1.09	1.43	0.960	1987
1988	0.586	1.08	2.03	1.75	0.707	0.312	0.252	0.209	0.345	0.534	0.984	0.510	0.772	1988
1989	0.925	0.488	1.41	1.08	1.15	0.776	0.131	0.202	0.348	0.509	1.57	0.342	0.744	1989
1990	1.95	2.15	3.12	1.76	0.808	0.379	0.425	0.297	0.240	0.835	0.595	1.89	1.20	1990
MEAN	0.652	1.25	2.52	2.11	0.861	0.373	0.310	0.342	0.414	0.508	0.870	0.932	0.913	MEAN

LOCATION - LAT 43 52 32 N LONG 078 57 43 W DRAINAGE AREA, 106 km² NATURAL FLOW

LYNDE CREEK NEAR WHITBY - STATION NO. 02HC018

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1959	---	---	---	---	1959
1960	---	23.2 B ON APR 01	---	---	1960
1961	---	5.69B ON MAR 20	0.082B ON FEB 09	18 500	1961
1962	---	6.48B ON MAR 15	0.057 ON JUL 12	15 100	1962
1963	---	3.62B ON MAR 19	0.068 ON JUL 14	12 700	1963
1964	---	6.57 ON AUG 22	0.062 ON AUG 01	15 400	1964
1965	---	19.2 ON DEC 25	0.105 ON JUN 17	36 100	1965
1966	---	10.4 ON DEC 10	0.023 ON AUG 01 *	18 700	1966
1967	---	8.58 ON DEC 22	0.127 ON SEP 20	35 000	1967
1968	---	22.0 ON MAR 21	0.093 ON JUL 27	31 200	1968
1969	21.3 AT 16:43 EST ON APR 18	10.8 ON MAR 21	0.093 ON JUL 21	24 200	1969
1970	12.1B AT 23:00 EST ON MAR 23	10.8 B ON MAR 23	0.051 ON AUG 11	23 500	1970
1971	23.4 AT 09:11 EST ON JUL 06	15.7 ON APR 02	0.161 ON AUG 20	30 900	1971
1972	25.8 AT 11:57 EST ON APR 13	20.7 ON APR 13	0.125 ON SEP 23	---	1972
1975	---	---	0.099 ON AUG 23	---	1975
1976	30.6 AT 07:13 EST ON MAR 21	22.7 ON MAR 21	0.057B ON DEC 30	35 400	1976
1977	32.6 AT 10:30 EST ON MAR 13	18.6 ON MAR 13	0.028 ON JUN 11	29 600	1977
1978	31.7 AT 06:13 EST ON APR 07	19.6 ON APR 07	0.062B ON MAR 13	31 700	1978
1979	19.7 AT 10:00 EST ON MAR 14	11.9 ON DEC 25	0.057 ON JUL 23	26 100	1979
1980	---	30.0 RE ON MAR 21 *	0.159R ON AUG 27	36 700	1980
1981	---	25.0 B ON FEB 20	0.105 ON JUL 17	34 500	1981
1982	33.0 AT 20:45 EST ON MAR 31	17.8 ON MAR 31	0.112 ON AUG 19	36 100	1982
1983	26.6 AT 01:57 EST ON FEB 03	12.6 ON MAR 19	0.069 ON JUL 27	28 000	1983
1984	28.6 AT 11:41 EST ON APR 05	25.5 B ON FEB 14	0.097 ON JUL 24	36 500	1984
1985	25.6 AT 09:25 EST ON APR 05	23.0 B ON FEB 24	0.118 ON JUL 13	38 400	1985
1986	44.7 AT 06:03 EST ON AUG 27	20.2 ON SEP 11	0.161 ON JUL 11	39 200	1986
1987	---	15.1 B ON MAR 02	0.130 ON AUG 27	30 300	1987
1988	24.3 AT 05:42 EST ON MAR 24	7.39 ON APR 04	0.105 ON JUL 09	24 400	1988
1989	13.5 AT 22:17 EST ON MAR 25	8.19B ON MAR 15	0.078 ON AUG 01	23 500	1989
1990	46.4 AT 06:45 EST ON MAR 12 *	29.1 ON MAR 12	0.123 ON AUG 11	37 900	1990
				28 800	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD
R - REVISED SINCE JAN 01 1989

LYNDHURST CREEK AT LYNDHURST - STATION NO. 02MA001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1971	---	---	7.05	17.5	2.91	0.456	0.182	0.171	0.218	0.474	0.775	1.95	---	1971
1972	2.57	2.00	4.43	22.7	5.01	2.43	1.17	0.491	0.234	2.34	5.42	6.16	4.55	1972
1973	7.67	5.70	13.1	10.8	5.25	1.88	0.301	0.323	0.844	0.930	1.66	4.13	4.36	1973
1974	6.65	4.78	7.69	16.3	7.06	0.984	0.911	0.259	0.277	0.459	1.07	3.45	4.15	1974
1975	4.17	2.42	13.0	11.8	1.99	0.486	0.097	0.075	1.48	3.02	4.08	5.37	4.01	1975
1976	2.97	7.57	17.9	9.13	6.43	2.12	1.22	0.941	0.841	1.74	2.20	4.54	4.72	1976
1977	1.04	1.24	16.9	7.97	1.70	0.303	0.124	0.591	0.487	3.41	3.64	7.42	3.76	1977
1978	8.14	6.40	6.32	18.7	2.11	0.230	0.070	0.423	0.575	---	---	---	---	1978
MEAN	4.74	4.30	10.8	14.4	4.31	1.11	0.492	0.410	0.617	1.77	2.69	4.29	4.26	MEAN

LOCATION - LAT 44 32 46 N
LONG 076 07 24 W
REGULATED

LYNDHURST CREEK AT LYNDHURST - STATION NO. 02MA001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1971	40.8 AT 16:05 EST ON APR 14	---	---	---	1971
1972	46.2 AT 02:35 EST ON APR 19	44.7 ON APR 18	0.079 ON MAY 29	144 000	1972
1973	27.8 AT 17:20 EST ON APR 05	27.2 ON APR 06	0.037 ON SEP 17	138 000	1973
1974	48.1 AT 06:00 EST ON APR 05 *	45.6 ON APR 05 *	0.079 ON AUG 12	131 000	1974
1975	27.7 AT 21:45 EST ON MAR 23	27.2 ON MAR 23	0.037 ON MAY 29	126 000	1975
1976	37.1 AT 09:00 EST ON MAR 28	36.2 ON MAR 28	0.096 ON SEP 26	149 000	1976
1977	40.2 AT 15:07 EST ON MAR 15	39.4 ON MAR 15	0.031 ON FEB 23 *	119 000	1977
1978	28.9 AT 07:56 EST ON APR 08	28.6 ON APR 08	0.037 ON JUL 21	---	1978
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		135 000	MEAN

LYNN RIVER AT SIMCOE - STATION NO. 02GC008

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1957	---	---	---	---	---	---	---	1.38	1.56	1.10	2.26	2.50	---	1957
1958	1.17	1.00	2.36	2.00	1.12	1.17	1.03	0.935	0.709	0.773	1.05	0.774	1.18	1958
1959	2.86	2.02	3.70	3.15	1.70	1.04	0.798	0.734	0.661	0.844	0.862	1.33	1.64	1959
1960	1.39	2.06	3.31	3.60	2.47	1.36	1.09	0.873	0.718	0.742	0.666	0.534	1.57	1960
1961	0.531	1.60	1.74	2.56	0.96	1.21	1.26	1.03	0.440	0.426	0.766	0.889	1.20	1961
1962	0.869	1.01	2.40	1.03	0.766	0.749	1.44	0.452	0.551	0.652	0.973	1.12	1.00	1962
1963	0.684	0.643	2.35	2.05	1.14	0.975	0.701	0.683	0.467	0.446	0.502	0.470	0.927	1963
1964	0.830	0.654	1.89	1.89	1.46	0.753	0.628	1.32	0.710	0.736	0.692	1.20	1.07	1964
1965	1.16	3.07	5.22	3.40	1.46	0.699	0.568	0.579	0.674	1.05	1.27	1.61	1.72	1965
1966	1.31	1.69	2.12	1.92	1.39	1.09	0.892	0.613	0.814	0.817	0.817	1.89	1.28	1966
1967	1.62	1.53	1.72	2.82	1.86	1.13	0.962	0.893	0.922	1.10	1.05	1.40	1.39	1967
1968	1.28	2.13	1.50	1.20	1.37	1.74	1.30	1.01	1.07	0.922	1.37	1.51	1.36	1968
1969	3.49	1.94	1.61	3.10	2.60	1.78	1.22	0.947	0.846	0.907	1.20	1.25	1.74	1969
1970	1.09	1.33	1.84	2.02	1.37	0.972	0.995	0.727	0.879	0.932	1.68	2.02	1.32	1970
1971	1.32	2.62	2.96	2.21	1.41	1.08	0.822	0.730	0.715	0.735	0.782	1.10	1.14	1971
1972	1.39	1.08	4.29	2.64	1.82	1.30	1.28	1.04	0.877	0.953	1.25	1.82	1.65	1972
1973	2.86	2.58	3.86	2.42	1.83	1.46	1.16	0.760	0.653	0.949	1.62	1.80	1.65	1973
1974	2.70	2.60	3.55	2.83	2.88	1.75	1.29	1.09	1.03	0.992	1.32	1.42	1.95	1974
1975	1.75	2.18	2.85	2.24	1.50	1.71	1.17	1.13	1.49	1.26	1.48	1.99	1.73	1975
1976	1.81	3.71	5.74	3.56	3.72	1.79	1.84	1.50	1.33	1.35	1.36	1.24	2.34	1976
1977	1.11	1.34	3.51	2.81	1.63	1.25	1.08	0.997	2.62	2.44	1.94	3.41	2.02	1977
1978	2.12	1.71	4.13	3.76	2.95	1.61	1.11	1.19	1.23	1.48	1.46	1.70	2.02	1978
1979	1.89	1.68	3.53	3.69	2.15	1.43	1.10	1.14	1.13	1.27	1.71	2.37	1.92	1979
1980	2.24	1.43	2.81	3.49	2.27	1.81	1.12	1.06	1.63	1.45	1.40	1.69	1.86	1980
1981	1.13	3.10	2.12	2.10	1.65	1.27	0.966	0.802	1.88	1.52	1.49	1.14	1.60	1981
1982	1.44	1.10	4.45	3.61	2.04	2.71	1.41	1.12	1.35	1.44	2.77	2.56	2.24	1982
1983	2.41	2.80	2.39	2.79	1.11	1.93	1.54	1.99	1.36	1.54	1.77	2.66	2.18	1983
1984	1.75	3.97	3.25	3.96	2.99	2.56	1.92	1.55	1.89	1.54	1.82	2.12	2.43	1984
1985	2.13	3.48	4.73	3.63	2.08	1.89	1.28	1.37	1.45	1.61	3.82	2.66	2.50	1985
1986	2.28	2.09	4.13	3.96	2.44	1.98	1.49	1.46	1.66	2.62	2.29	3.45	2.41	1986
1987	2.67	1.87	2.57	3.10	1.72	1.43	1.29	1.27	1.16	1.14	1.35	1.98	1.79	1987
1988	1.50	2.10	2.16	1.85	1.41	0.819	1.39	1.15	1.06	1.30	1.95	1.67	1.53	1988
1989	1.69	1.36	1.62	2.07	1.59	1.53	0.900	0.719	1.04	1.08	1.59	1.15	1.36	1989
1990	2.43	3.05	3.02	2.73	2.27	1.56	1.29	1.21	1.14	1.42	1.77	3.33	2.10	1990
MEAN	1.69	1.97	3.01	2.69	1.92	1.44	1.16	1.04	1.11	1.15	1.47	1.79	1.70	MEAN

LOCATION - LAT 47 49 21 N
LONG 080 17 22 W
DRAINAGE AREA, 134 km^2
REGULATED

REMARKS - REGULATION BY SMALL MILLS

LYNN RIVER AT SIMCOE - STATION NO. 02GC008

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1957	---	---	---	---	1957
1958	---	5.89 ON FEB 27	0.227 ON SEP 15	37 300	1958
1959	---	15.3 ON MAR 06	0.178 ON OCT 29	51 800	1959
1960	---	24.9 ON MAR 31	0.119 ON DEC 15	49 700	1960
1961	---	7.82 ON FEB 13	0.085 ON FEB 14	37 700	1961
1962	---	21.5 ON MAR 12	0.099 ON SEP 11	31 600	1962
1963	---	14.5 B ON MAR 17	0.119 ON SEP 19	29 200	1963
1964	---	6.99 ON AUG 22	0.125 ON JUL 28	33 700	1964
1965	---	38.2 ON MAR 05 *	0.108 ON AUG 15	54 300	1965
1966	---	9.17 ON FEB 11	0.076 ON JUL 12	40 300	1966
1967	---	7.72 ON APR 06	0.566 ON JUL 06	43 800	1967
1968	---	17.8 ON FEB 02	0 ON FEB 06 *	43 100	1968
1969	26.8 AT 16:00 EST ON JAN 30 *	21.1 ON JAN 30	0.776 ON AUG 29	54 900	1969
1970	4.79 AT 20:43 EST ON APR 02	4.08 ON APR 03	0.504 ON AUG 11	41 700	1970
1971	20.1 AT 19:55 EST ON FEB 27	12.2 ON FEB 27	0.595 ON AUG 21	42 200	1971
1972	24.9 AT 04:19 EST ON MAR 02	20.1 ON MAR 02	0.714 ON SEP 22	52 200	1972
1973	9.60 AT 18:13 EST ON MAR 17	7.84 ON MAR 18	0.575 ON SEP 09	51 900	1973
1974	13.3 AT 07:13 EST ON MAR 05	10.8 ON MAR 05	0.714 ON OCT 10	61 500	1974
1975	10.4 AT 16:38 EST ON FEB 24	8.07 ON FEB 24	0.688 ON JUL 29	54 400	1975
1976	22.0 AT 18:59 EST ON MAR 05	16.0 ON MAR 05	1.07 ON OCT 29	74 100	1976
1977	23.9 AT 07:12 EST ON SEP 26	15.8 ON SEP 26	0.739 ON AUG 02	63 600	1977
1978	22.0 AT 16:49 EST ON MAR 21	15.9 ON MAR 21	0.875 ON JUL 25	63 900	1978
1979	17.6 AT 19:31 EST ON MAR 04	13.3 ON MAR 04	0.852 ON JUL 22	60 700	1979
1980	16.5 AT 16:51 EST ON MAR 21	10.0 ON MAR 21	0.773 ON JUL 19	59 000	1980
1981	12.5 AT 14:27 EST ON FEB 11	7.96 ON FEB 11	0.553 ON JUL 19	50 500	1981
1982	21.8 E AT 18:27 EST ON MAR 13	14.2 ON MAR 13	0.364 ON JUL 26	70 500	1982
1983	9.82 AT 10:28 EST ON FEB 03	8.16 ON FEB 03	1.08 ON JUL 18	68 600	1983
1984	17.1 AT 21:46 EST ON FEB 13	13.8 ON FEB 14	1.34 ON AUG 26	76 700	1984
1985	19.1 AT 20:23 EST ON FEB 23	17.8 ON FEB 24	0.890 ON AUG 04	78 900	1985
1986	16.3 AT 00:53 EST ON MAR 11	13.6 ON MAR 11	1.16 ON JUL 31	75 900	1986
1987	9.97 AT 12:28 EST ON AUG 09	6.86 ON APR 05	0.875 ON NOV 18	56 300	1987
1988	14.8 AT 07:48 EST ON JUL 17	6.79 ON FEB 23	0.410 ON JUL 07	48 300	1988
1989	13.8 AT 20:21 EST ON SEP 22	3.47 ON JUN 22	0.594 ON AUG 19	42 800	1989
1990	16.1 AT 04:25 EST ON DEC 30	14.3 ON DEC 30	0.734 ON AUG 09	66 100	1990
				53 500	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

MAD RIVER BELOW AVENING - STATION NO. 02ED015

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1988	---	---	---	---	---	---	0.701	0.621	0.861	1.90	3.65	2.47	---	1988
1989	3.94	3.33	7.72	7.14	4.35	3.04	1.27	0.844	0.772	0.943	1.62	1.36	3.02	1989
1990	4.66	4.14	12.9	6.05	3.72	2.04	1.34	0.795	0.672	1.77	2.77	4.04	3.75	1990
MEAN	4.30	3.74	10.3	6.60	4.04	2.54	1.10	0.753	0.768	1.54	2.68	2.62	3.39	MEAN

LOCATION - LAT 44 18 20 N LONG 080 04 11 W DRAINAGE AREA, 239 km^2 NATURAL FLOW

REMARKS - STATION ACTIVATED JUN 1988 TO REPLACE 02ED005

MAD RIVER BELOW AVENING - STATION NO. 02ED015

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1988	---	---	---	---	1988
1989	53.9 AT 22:30 EST ON MAR 28 *	38.1 ON MAR 28	0.571 ON AUG 26	95 400	1989
1990	---	47.8B ON MAR 13 *	0.479 ON SEP 11 *	118 000	1990
				107 000	MEAN

B - ICE CONDITIONS
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

MAD RIVER NEAR GLENCAIRN - STATION NO. 02ED005

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1963	---	---	---	---	---	---	---	---	---	0.685	1.52	1.68	---	1963
1964	2.58	2.38	4.85	7.82	2.96	1.51	1.18	0.966	0.597	0.601	0.890	1.44	2.29	1964
1965	1.32	3.30	2.40	14.3	7.22	1.77	1.32	0.888	0.709	1.22	1.98	3.27	3.30	1965
1966	1.02	3.18	6.15	4.94	3.36	2.29	0.944	0.837	0.673	1.14	2.57	2.67	2.56	1966
1967	2.13	2.68	4.37	11.2	3.60	5.10	2.28	1.66	1.28	1.43	6.03	6.86	5.14	1967
1968	3.15	6.83	10.2	9.20	4.03	2.27	1.31	2.05	1.82	4.20	6.12	6.50	4.56	1968
1969	5.12	4.07	6.04	15.8	8.09	3.63	2.21	1.15	0.808	1.43	2.09	1.93	4.42	1969
1970	1.36	1.68	1.93	18.6	6.33	2.40	2.26	1.27	1.41	1.64	1.92	2.76	3.62	1970
1971	2.26	1.90	4.06	17.0	4.36	2.00	1.41	1.00	0.874	0.958	1.20	2.69	3.38	1971
1972	1.80	1.48	1.92	15.9	6.78	5.83	1.74	1.32	1.02	1.62	2.45	2.41	3.38	1972
1973	4.88	4.63	13.8	10.9	4.84	2.81	1.56	1.52	0.944	1.19	3.01	2.99	4.43	1973
1974	3.14	2.99	9.77	12.3	6.91	2.88	4.10	1.65	1.24	1.55	2.23	1.93	4.23	1974
1975	2.81	2.66	4.71	12.2	8.28	2.20	1.55	1.24	1.38	1.20	1.30	1.67	3.47	1975
1976	1.78	2.43	17.0	10.3	5.13	1.99	2.09	1.61	1.70	2.13	3.34	4.09	4.36	1976
1977	1.58	1.46	14.3	9.10	2.52	1.68	1.34	1.69	2.99	4.62	5.45	4.41	4.22	1977
1978	1.03	2.01	2.61	14.9	7.58	3.22	1.65	1.44	1.55	1.94	1.83	2.33	3.63	1978
1979	2.64	2.02	11.9	13.4	6.06	2.53	1.67	1.49	1.47	2.81	4.64	6.39	4.79	1979
1980	5.54	2.37	6.54	9.63	3.89	2.86	3.19	2.42	2.50	3.21	3.53	4.19	4.16	1980
1981	1.88	9.18	6.73	5.83	4.62	2.49	1.69	2.05	2.42	3.78	4.76	4.74	4.17	1981
1982	3.60	2.31	6.50	21.3	4.82	4.36	2.18	1.91	1.53	2.05	4.26	8.35	5.26	1982
1983	4.91	3.88	7.81	9.59	6.17	2.51	0.834	0.908	1.11	1.30	3.13	2.84	3.74	1983
1984	1.82	7.45	5.61	13.8	4.81	2.42	1.58	1.21	2.05	1.32	2.82	5.47	4.15	1984
1985	3.73	5.71	10.9	20.0	4.37	2.37	1.72	1.64	2.25	1.98	5.91	4.57	5.40	1985
1986	3.13	2.52	10.7	8.62	3.52	2.21	1.56	1.60	6.06	6.53	3.26	2.93	4.39	1986
1987	2.90	2.20	8.09	10.2	---	---	---	---	---	---	---	---	---	1987
MEAN	2.92	3.39	7.45	12.4	5.27	2.62	2.06	1.54	1.76	2.15	3.08	3.65	4.04	MEAN

LOCATION - LAT 44 18 16 N DRAINAGE AREA, 295 km²
LONG 080 00 07 W REGULATED

REMARKS - MISSING DATA (MAY-SEP) DUE TO VANDALISM. GAUGE DESTROYED BY CAR OCT 02 1987. REPLACED IN 1988 BY 02ED015

MAD RIVER NEAR GLENCAIRN - STATION NO. 02ED005

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1963	---	---	---	---	1963
1964	---	18.6R ON APR 08	0.487 ON OCT 01	72 500	1964
1965	---	31.7 ON APR 08	0.498 ON AUG 25	104 000	1965
1966	---	17.0E ON MAR 19	0.549 ON JUL 30	80 800	1966
1967	129 AT 01:30 EST ON JUL 01 *	34.5 ON APR 03	1.05 ON JAN 22	162 000	1967
1968	51.8 AT 20:30 EST ON MAR 31	32.6B ON FEB 02	0.665 ON JUL 26	144 000	1968
1969	48.4 AT 22:36 EST ON MAY 18	32.0 ON APR 10	0.515 ON SEP 07	139 000	1969
1970	56.4 AT 14:05 EST ON APR 21	44.5 ON APR 21	0.974 ON AUG 25	114 000	1970
1971	37.9 AT 06:44 EST ON APR 13	35.1 ON APR 13	0.668 ON OCT 30	107 000	1971
1972	54.4 AT 23:29 EST ON APR 18	39.6 ON APR 19	0.733 ON SEP 24	107 000	1972
1973	41.9 AT 09:11 EST ON APR 02	35.1 ON APR 02	0.733 ON SEP 16	140 000	1973
1974	54.9E AT 05:02 EST ON APR 04	42.5E ON APR 04	0.940 ON SEP 15	133 000	1974
1975	82.1E AT 07:48 EST ON APR 19	82.1E ON APR 19 *	0.951E ON AUG 11	108 000	1975
1976	104 AT 02:01 EST ON MAR 21	67.1 ON MAR 21	1.10 E ON SEP 14	138 000	1976
1977	58.3 AT 08:18 EST ON MAR 13	43.3 ON MAR 13	0.923 ON JUL 24	133 000	1977
1978	37.7E AT 18:30 EST ON APR 11	22.4E ON APR 11	0.920E ON SEP 11	115 000	1978
1979	50.3 AT 09:12 EST ON MAR 25	37.6 ON APR 14	1.02 ON SEP 30	131 000	1979
1980	74.4 AT 14:19 EST ON MAR 21	41.6 ON MAR 21	1.36 ON JUL 12	132 000	1980
1981	---	34.5B ON FEB 19	1.21 ON AUG 22	131 000	1981
1982	90.3 AT 18:00 EST ON MAR 31	57.9 ON MAR 31	1.06 ON SEP 11	166 000	1982
1983	26.7 AT 11:33 EST ON APR 10	19.8 ON APR 10	0.481 ON JUL 24 *	110 000	1983
1984	49.1 AT 02:58 EST ON DEC 29	33.3 ON DEC 29	0.937 ON AUG 26	131 000	1984
1985	58.7 AT 17:44 EST ON MAR 28	38.2 ON MAR 28	0.995 ON AUG 14	170 000	1985
1986	60.6 AT 22:18 EST ON SEP 11	28.7 ON MAR 19	1.12 ON SEP 03	138 000	1986
1987	34.5 AT 01:27 EST ON APR 06	29.2 ON APR 06	---	---	1987
				120 000	MEAN

B - ICE CONDITIONS * - EXTREME RECORDED FOR THE PERIOD OF RECORD
E - ESTIMATED R - REVISED SINCE JAN 01 1989

MADAWASKA RIVER AT BARK LAKE DAM - STATION NO. 02KD007

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1942	---	---	---	---	---	---	---	---	4.94	0.315	1.20	43.4	---	1942
1943	53.6	47.4	51.0	25.8	146	39.7	16.2	11.2	13.8	13.8	31.7	70.3	43.5	1943
1944	56.9	22.5	40.5	8.80	0.187	0.223	0.656	8.76	36.1	46.5	33.7	34.4	24.1	1944
1945	43.7	52.2	30.5	26.7	38.4	54.0	22.1	10.5	28.8	19.8	24.0	41.6	31.7	1945
1946	55.0	59.8	45.3	29.2	8.63	32.5	10.1	4.60	25.7	25.0	41.7	42.7	29.7	1946
1947	46.2	74.6	55.8	57.8	98.6	72.9	34.9	15.9	29.9	33.3	45.9	46.1	50.8	1947
1948	49.9	53.2	25.1	12.0	34.1	37.1	11.0	11.9	46.5	20.7	20.1	22.5	29.5	1948
1949	61.8	88.8	58.9	9.65	38.8	28.4	9.43	34.4	43.4	44.2	30.1	18.2	38.5	1949
1950	6.69	66.2	51.5	5.17	33.4	22.9	18.2	17.6	48.9	54.7	34.0	11.4	30.6	1950
1951	46.2	80.1	64.0	88.1	59.1	28.3	23.0	10.2	35.5	24.9	53.2	40.1	46.6	1951
1952	62.4	73.4	62.7	15.8	19.8	26.1	10.3	6.23	40.9	47.5	46.6	15.4	35.4	1952
1953	46.9	36.5	18.0	0	0	8.63	8.28	28.4	65.8	33.5	18.2	10.7	22.8	1953
1954	25.6	24.8	39.9	9.74	4.55	31.8	13.4	13.1	18.4	53.7	42.3	64.3	28.5	1954
1955	70.1	73.8	31.6	21.6	18.6	23.9	11.9	7.72	4.63	1.41	0.274	46.5	25.7	1955
1956	62.0	63.9	27.6	4.93	2.91	29.0	20.4	13.6	15.0	43.7	57.8	50.4	34.1	1956
1957	42.6	28.8	34.0	5.57	0	0	21.5	16.9	22.0	38.9	26.6	53.1	25.0	1957
1958	67.9	82.0	71.3	16.5	0	12.2	21.7	32.0	19.0	19.4	18.4	39.1	33.1	1958
1959	54.2	44.1	19.2	9.70	38.0	15.0	1.75	8.07	23.1	30.9	37.5	33.9	26.2	1959
1960	63.6	68.8	65.4	41.5	63.6	20.5	19.0	9.33	19.2	40.6	46.3	35.6	41.1	1960
1961	30.4	28.0	3.97	0	0	0	14.0	27.3	23.5	28.0	34.0	26.1	17.9	1961
1962	40.6	46.5	18.4	0	0.027	3.69	13.1	22.0	20.9	8.20	6.60	16.4	16.2	1962
1963	41.2	56.2	20.4	0	2.82	28.3	29.4	8.76	19.2	18.5	7.46	32.7	21.9	1963
1964	64.5	68.1	29.0	9.49	0	0	2.74	9.60	19.9	9.33	6.93	13.0	19.2	1964
1965	40.9	32.6	33.9	2.99	42.2	17.9	13.1	14.4	8.95	37.5	62.6	68.7	31.4	1965
1966	85.2	59.8	50.4	15.8	58.7	48.7	25.6	17.6	20.4	19.5	3.90	67.8	39.3	1966
1967	81.9	57.2	69.5	3.99	36.3	53.4	40.9	19.2	41.3	35.1	81.0	76.6	49.7	1967
1968	101	62.8	28.7	0	0	15.5	21.8	20.3	15.6	27.7	18.7	35.8	28.9	1968
1969	47.4	38.8	13.4	8.49	77.5	36.3	29.0	19.4	21.4	21.3	21.6	46.0	31.8	1969
1970	54.3	32.3	12.7	7.45	31.1	34.4	30.5	47.2	24.9	18.8	31.7	33.8	30.0	1970
1971	69.4	44.4	21.8	43.1	24.7	27.8	10.1	15.9	38.1	27.5	20.7	7.35	29.1	1971
1972	23.7	41.0	34.2	25.1	71.4	43.1	43.7	26.0	42.7	29.5	48.6	76.5	42.1	1972
1973	51.9	52.1	50.5	88.4	60.2	57.3	21.0	19.7	8.75	18.6	37.6	20.3	40.3	1973
1974	53.3	79.6	64.2	24.3	118	35.9	13.1	20.4	28.3	13.9	4.52	63.1	43.2	1974
1975	70.9	59.6	21.2	31.9	7.35	2.65	13.3	10.6	16.1	18.1	29.3	49.8	27.4	1975
1976	64.2	36.2	35.8	71.7	44.8	26.3	20.9	14.0	10.6	10.6	15.2	43.4	32.8	1976
1977	53.0	48.6	8.26	0.283	7.19	9.57	10.5	9.77	9.11	8.50	30.0	67.3	21.7	1977
1978	61.7	72.8	23.9	26.3	47.9	32.7	9.71	8.87	12.2	33.9	34.1	40.2	33.4	1978
1979	39.3	63.4	38.4	42.8	64.1	32.9	10.1	8.98	6.72	31.4	32.4	65.9	36.2	1979
1980	71.3	74.9	27.7	34.3	27.5	37.6	35.4	38.1	9.83	27.1	44.2	56.1	40.2	1980
1981	63.9	52.0	85.2	13.7	51.0	27.2	12.4	15.4	64.2	36.4	47.4	60.3	44.1	1981
1982	67.0	53.0	20.5	35.6	18.1	39.2	18.4	9.07	6.55	6.45	29.1	74.3	31.2	1982
1983	84.0	89.0	17.3	20.3	115	38.4	8.39	7.53	7.20	6.39	25.1	43.1	38.2	1983
1984	80.1	73.1	57.3	45.2	51.7	31.8	20.9	9.20	7.38	7.69	31.1	42.9	38.1	1984
1985	93.1	78.2	55.5	61.6	50.5	17.7	11.1	6.46	7.62	12.4	43.2	39.5	39.5	1985
1988	---	---	---	---	---	---	---	---	3.61	5.80	36.0	33.7	---	1988
1989	80.4	69.8	18.4	10.3	23.6	36.0	11.7	8.61	9.79	5.78	9.56	27.6	25.7	1989
1990	86.6	64.0	22.3	11.7	39.5	19.7	10.2	6.65	5.53	8.48	22.8	65.2	30.1	1990
MEAN	58.1	57.2	37.2	22.7	37.2	27.5	17.4	15.6	22.8	23.9	30.3	42.4	32.8	MEAN

LOCATION - LAT 45 24 59 N LONG 077 47 17 W DRAINAGE AREA, 2 720 km² REGULATED

MADAWASKA RIVER AT BARK LAKE DAM - STATION NO. 02BD007

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1942	---	---	---	---	1942
1943	---	222 ON MAY 11	0.340 ON APR 08	1 370 000	1943
1944	---	133 ON JAN 01	0 ON MAR 26 *	764 000	1944
1945	---	78.1 ON JUN 19	0 ON MAR 23	999 000	1945
1946	---	86.9 ON MAR 24	0 ON MAR 17	938 000	1946
1947	---	201 ON MAY 06	0 ON JAN 01	1 600 000	1947
1948	---	118 ON MAY 27	0 ON MAR 18	902 000	1948
1949	---	100 ON FEB 04	0 ON MAR 30	1 220 000	1949
1950	---	100 ON FEB 12	0 ON JAN 01	966 000	1950
1951	---	200 ON APR 14	0 ON MAR 28	1 470 000	1951
1952	---	87.5 ON MAR 01	0 ON APR 15	1 120 000	1952
1953	---	132 ON SEP 18	0 ON JAN 01	718 000	1953
1954	---	101 ON OCT 18	0 ON MAR 04	900 000	1954
1955	---	93.2 ON FEB 07	0 ON APR 17	812 000	1955
1956	---	83.8 ON NOV 10	0 ON APR 10	1 080 000	1956
1957	---	76.2 ON DEC 31	0 ON APR 02	790 000	1957
1958	---	96.3 ON MAR 05	0 ON APR 08	1 040 000	1958
1959	---	73.1 ON JAN 21	0 ON MAR 05	826 000	1959
1960	---	119 ON APR 28	0.425 ON APR 20	1 300 000	1960
1961	---	63.1 ON JUL 26	0 ON MAR 11	564 000	1961
1962	---	56.4 ON FEB 08	0 ON APR 01	512 000	1962
1963	---	64.6 ON FEB 25	0 ON MAR 29	690 000	1963
1964	---	77.6 ON FEB 19	0 ON MAR 10	608 000	1964
1965	---	97.4 ON MAY 15	0 ON FEB 12	990 000	1965
1966	---	129 ON FEB 15	0 ON MAR 24	1 240 000	1966
1967	---	138 ON MAR 12	0 ON APR 04	1 570 000	1967
1968	---	114 ON JAN 11	0 ON MAR 23	915 000	1968
1969	---	143 ON MAY 13	0 ON OCT 21	1 000 000	1969
1970	---	107 ON JUL 22	0 ON APR 20	945 000	1970
1971	---	89.2 ON JAN 14	0 ON DEC 14	917 000	1971
1972	---	156 ON MAY 19	0.566 ON OCT 26	1 130 000	1972
1973	---	122 ON APR 04	0 ON MAR 20	1 270 000	1973
1974	---	165 ON MAY 21	0.425 ON APR 19	1 360 000	1974
1975	---	85.2 ON JAN 08	0 ON MAY 15	863 000	1975
1976	---	106 ON APR 20	0 ON JAN 01	1 040 000	1976
1977	---	86.9 ON DEC 23	0 ON MAR 18	685 000	1977
1978	---	127 ON MAY 10	0 ON APR 28	1 050 000	1978
1979	---	116 ON MAY 04	5.18 ON JUL 06	1 140 000	1979
1980	---	90.9 ON JUL 31	0 ON NOV 04	1 270 000	1980
1981	---	160 ON MAR 10	0.400 ON FEB 27	1 390 000	1981
1982	---	103 ON JUN 24	3.90 ON MAY 31	984 000	1982
1983	---	266 ON MAY 09 *	0.900 ON MAR 18	1 200 000	1983
1984	---	98.8 ON FEB 01	4.00 ON AUG 03	1 210 000	1984
1985	---	120 ON FEB 01	2.80 ON JUL 28	1 250 000	1985
1988	---	---	---	---	1988
1989	---	119 ON JAN 22	3.00 ON JUL 17	811 000	1989
1990	---	120 ON JAN 21	0 ON DEC 29	950 000	1990
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		1 030 000	MEAN

MADAWASKA RIVER AT CALABOGIE - STATION NO. 02KE003

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1937	---	---	---	---	---	---	---	---	---	31.1	63.4	70.7	---	1937
1938	54.3	62.6	141	380	218	118	38.6	25.4	33.9	47.6	37.5	35.3	99.1	1938
1939	36.9	39.6	40.1	140	348	85.8	33.8	28.1	25.0	34.7	30.0	24.6	72.5	1939
1940	21.6	21.9	26.2	141	240	210	55.3	27.7	31.3	---	---	---	---	1940
1941	66.6	55.7	43.1	225	157	50.0	44.9	25.4	20.8	27.6	55.6	63.1	69.5	1941
1942	62.1	49.3	68.0	223	139	133	28.2	12.1	13.1	20.9	49.7	73.9	73.0	1942
1943	77.9	79.5	92.6	192	535	137	48.3	31.5	29.3	26.9	69.6	76.9	117	1943
1944	68.8	33.4	56.2	65.6	88.3	49.1	23.2	13.5	39.7	45.7	41.3	48.9	47.9	1944
1945	55.7	57.7	116	186	130	146	58.4	24.0	40.6	50.5	66.4	57.8	82.3	1945
1946	75.9	80.5	117	107	67.0	64.7	23.3	18.9	22.4	44.7	59.9	57.4	61.3	1946
1947	74.9	109	102	339	380	169	82.9	43.2	41.4	46.7	52.5	58.4	123	1947
1948	59.1	67.6	97.7	154	121	93.0	38.6	23.0	41.8	31.4	38.9	44.3	67.3	1948
1949	71.7	100	103	238	131	52.1	16.0	26.0	41.1	42.0	36.9	50.0	75.2	1949
1950	83.7	112	98.3	190	110	66.9	35.0	25.1	45.0	54.6	60.1	62.6	78.2	1950
1951	77.0	98.6	110	475	222	69.0	59.7	19.2	41.9	---	---	---	---	1951
1952	---	---	---	---	---	---	---	---	---	53.8	56.3	48.4	---	1952
1953	63.0	62.8	104	131	82.5	51.9	34.1	35.2	66.1	---	---	---	---	1953
MEAN	63.3	68.7	87.7	212	197	99.7	41.3	25.2	36.1	39.8	51.3	55.1	80.5	MEAN

LOCATION - LAT 45 18 15 N LONG 076 42 30 W

DRAINAGE AREA, 8 000 km^2 REGULATED

DATA CONTRIBUTED BY - ONTARIO HYDRO

MADAWASKA RIVER AT CALABOGIE - STATION NO. 02KB003

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1937	---	---	---	---	1937
1938	---	---	---	---	1938
1939	---	439 ON APR 01	14.3 ON AUG 28	3 130 000	1939
		513 ON MAY 03	16.8 ON SEP 04	2 290 000	
1940	---	---	---	---	1940
1941	---	---	---	---	1941
1942	---	371 ON APR 23	14.8 ON AUG 10	2 190 000	1942
1943	---	320 ON APR 08	*.84 ON AUG 23	2 300 000	1943
1944	---	637 ON MAY 14	*.42 ON OCT 03	3 680 000	1944
		137 ON MAY 15	7.05 ON DEC 25	1 510 000	
1945	---	275 ON APR 05	5.10 ON AUG 25	2 600 000	1945
1946	---	187 ON APR 01	3.20 ON JUN 30	1 930 000	1946
1947	---	580 ON APR 14	5.12 ON SEP 13	3 890 000	1947
1948	---	251 ON MAY 24	2.21 ON SEP 11	2 130 000	1948
1949	---	257 ON APR 08	0.255 ON JUL 10 *	2 370 000	1949
1950	---	303 ON APR 21	2.35 ON SEP 17	2 470 000	1950
1951	---	818 ON APR 30 *	---	---	1951
1952	---	---	---	---	1952
1953	---	343 ON MAR 29	---	---	1953
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		2 540 000	MEAN

MADAWASKA RIVER AT CLAY BANK - STATION NO. 02KE004

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1916	---	---	---	---	---	---	---	---	---	33.3	57.2	---	---	1916
1917	---	---	---	293	211	129	76.7	40.0	16.1	---	---	---	---	1917
MEAN	---	---	---	293	211	129	76.7	40.0	16.1	33.3	57.2	---	---	MEAN

LOCATION - LAT 45 24 20 N LONG 076 23 37 W DRAINAGE AREA, 8 310 km^2 REGULATED DATA CONTRIBUTED BY - ONTARIO HYDRO

MADAWASKA RIVER AT CLAY BANK - STATION NO. 02KE004

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1916	---	---	---	---	1916
1917	---	323 ON APR 04 *	---	---	1917
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		---	MEAN

MADAWASKA RIVER AT MADAWASKA - STATION NO. 02ND001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1915	---	---	---	---	---	---	---	---	---	---	8.99	9.86	---	1915
1916	10.5	16.5	12.0	62.4	60.6	27.8	14.8	6.77	6.02	7.47	14.4	27.8	22.2	1916
1917	7.42	7.00	11.2	61.6	42.6	25.4	19.4	10.1	5.69	7.85	7.38	---	---	1917
1918	---	---	---	45.3	40.7	19.1	12.3	9.52	15.7	23.8	24.7	26.5	---	1918
1919	24.7	13.6	17.8	42.8	59.3	44.0	10.0	5.93	4.61	7.27	24.3	26.5	23.4	1919
1920	7.61	7.79	16.3	38.7	26.5	15.3	10.2	7.24	7.91	6.25	10.5	13.5	14.0	1920
1921	15.6	13.6	60.0	69.3	32.3	12.9	7.79	5.96	4.16	3.88	3.55	7.54	19.7	1921
1922	6.14	5.40	9.44	98.2	36.6	16.9	9.75	6.86	9.23	8.14	6.34	6.68	18.0	1922
1923	5.92	4.56	5.10	54.6	81.9	24.6	9.58	6.01	6.70	5.85	5.89	14.4	19.1	1923
1924	12.6	9.43	9.13	37.8	71.3	23.5	8.91	7.73	7.71	7.33	5.38	5.31	17.2	1924
1925	4.92	5.31	16.0	50.6	34.2	24.6	13.5	9.96	6.45	5.47	9.34	17.6	16.5	1925
1926	7.87	5.99	7.39	19.7	71.4	29.5	22.9	11.7	8.08	8.25	29.5	34.8	21.5	1926
1927	11.9	9.34	24.1	24.9	34.9	28.7	22.4	19.2	9.99	9.20	19.9	28.9	20.2	1927
1928	17.7 *	12.7	16.3	105	47.5	20.4	18.6	20.0	17.5	41.6	44.9	27.3	32.4	1928
1929	20.0	16.9	31.2	82.2	76.2	22.8	13.5	6.74	3.24	3.49	3.37	3.14	23.6	1929
1930	5.72	8.55	20.0	35.7	43.4	23.3	11.9	8.42	6.59	4.85	3.39	1.59	14.5	1930
1931	1.53	2.12	2.24	51.1	22.4	9.31	5.27	5.07	4.16	3.92	6.02	11.8	7.28	1931
1932	19.4	20.7	14.5	57.0	31.5	15.9	12.3	8.75	10.0	22.5	39.9	27.4	23.4	1932
1933	24.2	13.9	9.85	62.1	46.5	18.4	12.0	6.37	3.38	2.78	2.70	2.10	17.1	1933
1934	2.69	3.82	5.21	39.1	55.5	16.2	10.1	5.77	4.31	5.12	8.03	14.1	14.2	1934
1935	10.1	8.61	13.2	29.0	30.3	16.9	19.9	15.0	7.23	6.21	6.92	9.01	14.4	1935
1936	8.01	7.65	9.17	49.2	72.3	47.1	10.9	4.25	4.62	7.12	11.1	8.37	18.4	1936
1937	23.6	17.8	14.0	35.0	50.1	19.4	9.32	4.82	4.55	5.12	13.9	15.6	17.9	1937
1938	10.3	9.66	31.4	83.7	45.6	22.4	10.7	4.94	6.79	9.45	6.72	6.81	21.6	1938
1939	7.18	8.96	8.30	34.8	70.5	19.1	8.56	6.29	4.87	3.93	5.63	5.42	15.3	1939
1940	3.59	3.87	3.99	13.5	48.7	34.3	11.2	6.73	7.10	10.3	16.3	15.2	14.6	1940
1941	12.5	9.73	8.20	56.2	26.1	9.93	5.82	3.85	2.93	3.44	12.0	12.7	13.6	1941
1942	12.4	9.93	11.4	61.2	---	---	---	---	---	---	---	---	---	1942
MEAN	11.3	9.72	14.9	50.5	48.9	21.9	12.3	8.34	6.87	8.87	13.0	14.6	18.3	MEAN

LOCATION - LAT 45 30 50 N LONG 077 59 05 W DRAINAGE AREA, 1 370 km^2 REGULATED

MADAWASKA RIVER AT MADAWASKA - STATION NO. 02RD001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1915	---	---	---	---	1915
1916	---	---	---	---	1916
1917	---	96.0 ON APR 24	4.90 ON OCT 12	703 000	1917
1918	---	84.4 ON APR 23	---	---	1918
1919	---	59.7 ON APR 03	---	---	1919
		90.3 ON MAY 28	3.94 ON SEP 21	739 000	
1920	---	50.1 ON APR 24	5.41 ON OCT 23	442 000	1920
1921	---	155 ON MAR 26	7.45 ON NOV 14	622 000	1921
1922	---	177 ON APR 17	5.57B ON JAN 26	569 000	1922
1923	---	134 ON APR 30	4.56B ON FEB 01	604 000	1923
1924	---	94.0 ON MAY 06	6.50 ON NOV 18	544 000	1924
1925	---	62.0 ON APR 16	4.56B ON JAN 28	521 000	1925
1926	---	96.3 ON MAY 11	5.89B ON FEB 01	679 000	1926
1927	---	58.3 ON MAR 20	7.79 ON SEP 18	637 000	1927
1928	---	198 ON APR 08 *	11.8 B ON FEB 16	1 030 000	1928
1929	---	127 ON MAY 04	2.97 ON SEP 18	743 000	1929
1930	---	59.0 ON MAY 11	1.59B ON DEC 01	456 000	1930
1931	---	47.2 ON MAY 12	1.53B ON JAN 01 *	230 000	1931
1932	---	77.6 ON APR 14	6.80 ON AUG 29	739 000	1932
1933	---	101 ON APR 27	1.93 ON NOV 22	538 000	1933
1934	---	93.2 ON MAY 05	2.69B ON JAN 01	448 000	1934
1935	---	41.3 ON MAY 04	5.66 ON OCT 07	454 000	1935
1936	---	133 ON MAY 05	4.33 ON SEP 06	502 000	1936
1937	---	71.1 ON APR 29	4.42 ON AUG 28	563 000	1937
1938	---	120 ON MAR 30	4.42 ON SEP 15	680 000	1938
1939	---	106 ON APR 30	3.54 ON SEP 27	484 000	1939
1940	---	70.2 ON MAY 27	3.14 ON JAN 07	461 000	1940
1941	---	108 ON APR 22	2.44 ON SEP 26	428 000	1941
1942	---	83.3 ON APR 18	---	---	1942
				579 000	MEAN

B - ICE CONDITIONS * - EXTREME RECORDED FOR THE PERIOD OF RECORD

MADAWASKA RIVER AT PALMER RAPIDS - STATION NO. 02KD004

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1930	23.8	27.8	46.4	121	151	89.6	43.5	25.7	24.1	21.2	19.9	17.9	51.1	1930
1931	15.4	15.1	11.6	40.5	57.6	43.0	25.1	14.7	16.4	15.8	15.4	12.7	25.5	1931
1932	76.7	93.5	57.6	157	148	63.8	34.7	17.6	26.4	47.9	105	93.6	78.0	1932
1933	78.7	52.3	66.0	146	180	69.9	33.2	19.3	22.4	19.2	19.9	18.5	58.1	1933
1934	20.1	20.4	22.1	139	182	54.3	34.6	20.6	21.9	20.2	19.8	53.7	50.8	1934
1935	43.1	33.6	51.3	122	102	84.8	86.1	55.6	28.1	20.8	29.7	17.8	58.1	1935
1936	32.0	32.0	50.1	209	270	112	45.3	20.8	16.5	20.0	32.6	27.8	72.2	1936
1937	85.7	74.0	70.1	132	200	88.5	34.7	21.0	24.2	24.7	46.9	32.4	71.1	1937
1938	39.6	44.1	77.2	249	152	94.9	30.4	25.1	27.9	19.0	29.2	29.9	70.0	1938
1939	30.9	35.8	31.7	75.8	237	65.1	25.2	20.8	21.5	27.2	22.6	18.5	51.2	1939
1940	17.2	19.2	19.9	56.3	148	151	42.8	20.0	26.6	27.2	36.7	41.8	50.7	1940
1941	54.0	45.3	34.1	146	114	42.1	23.4	20.5	15.7	20.1	39.6	45.5	50.8	1941
1942	44.9	37.6	47.7	116	123	103	40.6	16.9	18.7	14.3	25.4	63.4	52.8	1942
1943	70.8	77.0	76.4	104	374	104	40.1	26.5	26.4	26.3	57.0	75.7	88.0	1943
1944	70.2	29.3	51.8	40.6	47.8	33.2	17.7	11.5	39.0	46.0	35.8	46.8	39.2	1944
1945	53.5	57.7	76.7	119	35.1	109	44.9	22.8	17.7	17.6	52.0	48.1	62.8	1945
1946	72.6	75.3	87.8	92.2	44.2	54.0	20.8	14.2	24.3	33.0	52.4	41.7	50.9	1946
1947	67.6	91.7	78.9	102	252	144	74.0	15.7	40.7	46.8	52.2	54.0	92.9	1947
1948	55.6	66.2	73.8	121	89.2	87.3	33.5	20.9	47.2	59.0	36.5	37.1	58.6	1948
1949	78.5	102	84.0	133	105	41.5	19.4	29.7	41.4	51.0	33.2	39.6	62.9	1949
1950	69.0	104	82.5	110	88.9	51.3	34.3	23.3	48.4	53.5	55.0	47.3	63.6	1950
1951	70.5	96.3	94.1	263	178	60.0	48.6	22.3	39.0	36.9	82.1	97.6	90.4	1951
1952	91.0	105	102	151	98.1	89.4	25.1	19.5	48.8	52.8	55.5	40.9	71.7	1952
1953	70.1	55.2	74.9	95.0	61.1	38.9	28.1	16.5	68.9	41.2	33.9	34.6	53.1	1953
1954	41.2	44.2	98.1	145	90.4	74.2	29.3	26.8	37.7	86.4	75.7	90.5	70.1	1954
1955	84.0	87.1	69.3	184	82.1	38.5	20.1	18.3	10.4	16.3	47.6	64.6	59.9	1955
1956	81.6	90.1	46.2	85.1	128	87.6	48.2	29.1	52.8	55.5	68.2	69.0	69.3	1956
1957	63.4	53.5	60.4	61.6	41.1	30.0	32.6	24.4	32.2	51.7	64.0	108	55.7	1957
1958	118	112	98.5	121	56.2	37.9	42.6	38.8	31.9	39.5	45.2	52.9	66.0	1958
1959	68.0	86.4	41.2	118	142	50.3	17.8	16.9	34.7	50.5	75.4	84.3	63.8	1959
1960	93.4	99.3	101	197	207	59.0	40.0	19.9	25.1	47.3	55.3	48.5	82.6	1960
1961	40.4	39.0	24.1	44.5	77.2	41.9	43.0	54.0	38.1	27.3	45.6	44.5	43.7	1961
1962	52.1	57.2	42.1	77.1	60.5	25.7	24.0	28.6	26.4	21.4	31.2	46.9	40.5	1962
1963	90.2	73.5	55.3	82.8	68.8	90.2	37.5	19.6	26.9	24.2	26.2	31.4	49.5	1963
1964	79.3	85.4	61.7	73.9	59.9	22.7	10.5	15.0	25.2	15.6	15.6	25.9	40.7	1964
1965	49.2	44.8	56.1	74.8	143	45.9	24.9	23.6	20.5	65.5	106	124	65.1	1965
1966	117	84.2	119	103	141	105	35.3	28.7	28.9	28.7	25.8	143	84.2	1966
1967	114	89.5	92.2	127	92.6	128	120	36.3	90.9	108	172	123	106	1967
1968	136	95.0	79.9	100	32.2	45.7	46.4	28.6	29.3	38.6	32.2	56.6	60.0	1968
1969	70.7	67.5	45.6	135	209	97.6	68.5	36.5	29.8	35.0	44.6	89.7	75.9	1969
1970	73.9	54.2	38.9	82.0	145	73.9	63.1	61.1	15.5	34.1	51.8	62.5	64.8	1970
1971	91.9	67.4	63.5	153	141	56.6	27.5	26.7	50.9	42.1	35.1	32.8	65.6	1971
1972	48.2	63.5	57.9	105	241	125	99.3	54.3	60.7	57.9	117	116	96.4	1972
1973	103	95.5	160	259	141	109	47.1	53.0	28.1	41.0	64.4	62.4	97.4	1973
1974	93.9	120	137	186	273	88.3	31.2	40.8	44.3	34.7	47.5	105	100	1974
1975	104	86.4	69.2	133	109	19.8	27.0	19.8	31.5	32.3	46.5	79.7	64.7	1975
1976	95.2	62.8	122	273	121	26.9	49.1	26.8	27.9	26.3	38.4	63.6	79.8	1976
1977	72.7	66.9	74.4	84.9	39.7	21.4	17.9	17.9	19.2	34.8	77.4	127	53.6	1977
1978	103	107	60.7	147	190	90.3	23.4	19.9	30.3	52.7	57.7	70.6	76.9	1978
1979	73.0	96.3	108	229	162	75.2	22.3	21.6	16.3	54.9	72.2	130	88.2	1979
1980	117	99.3	80.2	182	93.7	82.4	58.3	75.6	27.2	58.8	94.8	97.9	89.6	1980
1981	92.3	128	216	115	118	60.5	31.6	33.9	118	75.3	88.1	92.7	97.2	1981
1982	98.1	81.1	52.1	171	106	94.1	39.2	16.4	19.1	25.0	68.3	155	76.9	1982
1983	147	111	81.4	115	284	90.1	22.4	16.3	16.2	23.6	51.0	76.9	87.9	1983
1984	110	121	116	234	152	63.5	40.1	26.0	21.7	19.9	55.7	71.6	85.7	1984
1985	147	117	129	229	146	52.0	27.8	18.3	24.7	34.3	75.0	77.3	89.4	1985
1986	95.0	84.4	93.1	133	77.5	79.2	37.6	40.6	45.0	94.2	45.9	50.0	71.3	1986
1987	126	85.0	64.2	156	44.4	44.1	32.7	14.2	10.9	18.6	30.5	79.5	57.7	1987
1988	131	113	97.6	154	142	29.8	14.8	10.4	10.7	28.1	63.7	56.1	66.6	1988
1989	108	93.8	53.6	113	112	88.3	24.6	11.6	15.6	16.0	47.2	53.9	61.2	1989
1990	119	100	107	121	116	46.2	27.1	15.5	9.86	34.2	59.4	129	73.7	1990
MEAN	78.2	74.4	73.6	135	132	69.6	38.2	26.9	31.5	38.2	52.5	67.0	68.0	MEAN

LOCATION - LAT 45 19 39 N DRAINAGE AREA, 5 800 km²
LONG 077 30 50 W REGULATED

MADAWASKA RIVER AT PALMER RAPIDS - STATION NO. 02KD004

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1930	---	106 ON APR 23	13.5 ON DEC 31	1 610 000	1930
1931	---	74.8 ON MAY 14	9.77 ON AUG 08	804 000	1931
1932	---	217 ON APR 25	21.2 ON SEP 06	2 470 000	1932
1933	---	214 ON MAY 09	17.4 ON AUG 18	1 840 000	1933
1934	---	246 ON APR 25	15.6 ON NOV 03	1 600 000	1934
1935	---	127 ON APR 16	17.4 ON SEP 28	1 830 000	1935
1936	---	399 ON MAY 10	15.6 ON SEP 19	2 280 000	1936
1937	---	251 ON MAY 11	18.0 ON AUG 05	2 240 000	1937
1938	---	203 ON APR 03	18.8 ON JUL 20	2 210 000	1938
1939	---	314 ON MAY 04	17.4 ON DEC 31	1 610 000	1939
1940	---	262 ON JUN 02	16.6 ON JAN 09	1 600 000	1940
1941	---	273 ON APR 25	13.7 ON OCT 01	1 600 000	1941
1942	---	178 ON MAY 28	10.4 ON OCT 29	1 670 000	1942
1943	---	493 ON MAY 13 *	17.0 ON AUG 19	2 780 000	1943
1944	---	131 ON JAN 03	11.1 ON AUG 09	1 240 000	1944
1945	---	143 ON APR 05	16.0 ON AUG 14	1 980 000	1945
1946	---	138 ON MAR 29	13.6 ON AUG 27	1 600 000	1946
1947	---	394 ON MAY 07	18.8 ON AUG 12	2 930 000	1947
1948	---	183 ON MAY 27	14.7 ON OCT 15	1 850 000	1948
1949	---	172 ON APR 30	13.5 ON AUG 11	1 980 000	1949
1950	---	144 ON APR 30	18.8 ON AUG 16	2 010 000	1950
1951	---	402 ON APR 19	20.4 ON AUG 26	2 850 000	1951
1952	---	189 ON APR 15	7.93 ON AUG 01	2 270 000	1952
1953	---	144 ON APR 01	8.21 ON AUG 02	1 680 000	1953
1954	---	182 ON APR 20	16.6 ON AUG 26	2 210 000	1954
1955	---	242 ON APR 21	5.30 ON SEP 14	1 890 000	1955
1956	---	142 ON MAY 17	16.1 ON AUG 17	2 190 000	1956
1957	---	133 ON DEC 24	17.6 ON AUG 23	1 760 000	1957
1958	---	155 ON APR 24	25.9 ON JUN 16	2 080 000	1958
1959	---	245 ON MAY 06	7.05 ON AUG 03	2 010 000	1959
1960	---	323 ON MAY 01	9.80 ON AUG 09	2 610 000	1960
1961	---	109 ON MAY 02	13.8 ON APR 12	1 180 000	1961
1962	---	96.8 ON APR 17	18.1 ON SEP 28	1 280 000	1962
1963	---	115 ON APR 08	15.9 ON AUG 09	1 560 000	1963
1964	---	128 ON APR 24	6.68 ON AUG 04	1 290 000	1964
1965	---	207 ON MAY 18	8.78 ON SEP 28	2 050 000	1965
1966	---	209 ON DEC 17	21.2 ON NOV 06	2 560 000	1966
1967	---	259 ON OCT 27	1.64 ON MAR 07 *	3 330 000	1967
1968	---	150 ON JAN 06	15.7 ON MAY 11	1 900 000	1968
1969	---	314 ON MAY 21	19.8 ON OCT 23	2 390 000	1969
1970	---	191 ON MAY 02	16.1 ON OCT 09	2 040 000	1970
1971	---	314 ON APR 27	16.6 ON AUG 06	2 070 000	1971
1972	---	343 ON MAY 12	31.1 ON JAN 02	3 050 000	1972
1973	360 AT 19:32 EST ON APR 05	357 ON APR 05	18.9 ON JUL 22	3 070 000	1973
1974	374 AT 20:03 EST ON MAY 16	371 ON MAY 17	20.1 ON OCT 30	3 160 000	1974
1975	272 AT 21:50 EST ON APR 29	270 ON APR 30	14.0 ON OCT 05	2 040 000	1975
1976	371 AT 18:22 EST ON APR 02	362 ON APR 02	13.8 ON SEP 09	2 520 000	1976
1977	131 AT 02:15 EST ON DEC 10	130 ON DEC 10	17.3 ON AUG 30	1 690 000	1977
1978	286 AT 18:11 EST ON APR 27	283 ON APR 27	17.8 ON AUG 13	2 430 000	1978
1979	264 AT 02:38 EST ON APR 03	263 ON APR 03	14.0 ON SEP 06	2 780 000	1979
1980	256 AT 20:25 EST ON APR 19	255 ON APR 20	17.4 ON SEP 01	2 830 000	1980
1981	320 AT 20:52 EST ON MAR 10	314 ON MAR 10	19.3 ON JUL 18	3 070 000	1981
1982	295 AT 11:02 EST ON MAY 01	295 ON MAY 01	14.7 ON AUG 17	2 430 000	1982
1983	449 AT 07:39 EST ON MAY 12 *	448 ON MAY 12	11.5 ON AUG 21	2 770 000	1983
1984	314 AT 18:12 EST ON APR 23	313 ON APR 23	14.7 ON SEP 01	2 710 000	1984
1985	348 AT 16:10 EST ON APR 30	345 ON APR 30	14.7 ON JUL 27	2 820 000	1985
1986	253 AT 18:33 EST ON APR 04	247 ON APR 05	21.2 ON AUG 19	2 250 000	1986
1987	279 AT 04:25 EST ON APR 08	274 ON APR 08	9.55 ON SEP 28	1 820 000	1987
1988	247 AT 18:44 EST ON APR 05	242 ON APR 06	9.02A ON JUL 17	2 100 000	1988
1989	207 AT 19:24 EST ON APR 06	203 ON APR 07	10.1 ON SEP 28	1 930 000	1989
1990	206 AT 20:38 EST ON MAR 15	197 ON MAR 26	9.39 ON SEP 18	2 320 000	1990
				2 150 000	MEAN

A - MANUAL GAUGE
(SEE REFERENCE INDEX)

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

MADAWASKA RIVER AT STEWARTVILLE - STATION NO. 02KE005

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1949	---	118	113	246	145	53.6	16.9	28.2	42.5	45.1	38.3	53.1	---	1949
1950	87.4	116	104	201	129	69.5	36.3	27.7	46.2	53.6	60.0	61.3	82.2	1950
1951	76.8	97.9	115	436	236	72.3	61.0	29.1	38.4	45.4	95.3	119	117	1951
1952	106	125	124	261	135	82.1	30.3	26.4	45.9	56.5	58.4	52.0	90.1	1952
1953	65.8	84.7	117	147	105	55.0	33.9	35.3	67.1	38.6	36.6	42.0	67.3	1953
1954	46.1	53.7	128	264	143	99.2	35.2	30.7	38.1	97.3	98.7	116	95.9	1954
1955	107	101	97.9	327	118	51.6	16.3	16.4	10.4	20.6	77.1	76.0	84.7	1955
1956	89.6	86.9	57.5	164	216	122	66.3	34.8	57.3	63.0	72.8	71.7	91.7	1956
1957	73.4	63.7	72.9	94.2	65.9	43.2	86.3	31.2	30.8	55.0	73.9	123	67.9	1957
1958	123	114	114	198	89.7	48.5	50.9	38.2	40.6	45.2	49.8	62.6	80.9	1958
1959	76.8	71.8	50.9	192	172	59.9	22.9	12.4	36.6	61.2	93.7	105	79.5	1959
1960	103	114	118	335	255	74.6	41.4	16.7	25.2	41.3	56.1	50.5	102	1960
1961	39.8	35.2	35.5	76.0	113	61.4	50.7	55.2	40.8	36.9	48.5	51.0	53.8	1961
1962	55.8	60.2	52.0	120	94.1	36.5	33.7	28.5	24.6	24.3	51.8	67.9	53.2	1962
1963	68.3	76.5	68.5	149	110	71.9	58.9	39.9	30.9	36.7	38.1	66.7	64.4	1963
1964	90.7	95.2	93.2	118	86.6	31.4	9.70	12.4	22.6	13.3	14.3	30.0	51.3	1964
1965	50.8	48.3	68.7	124	191	51.0	27.3	24.1	25.3	63.7	124	149	79.2	1965
1966	148	107	152	156	174	132	37.5	59.7	57.5	29.5	32.9	166	99.4	1966
1967	127	99.3	38.1	174	103	165	165	44.6	71.9	164	221	148	127	1967
1968	157	126	129	133	53.0	52.7	57.5	29.8	35.8	36.5	41.5	72.4	76.8	1968
1969	76.7	85.5	92.0	218	306	130	85.8	37.8	27.7	36.1	45.5	70.8	101	1969
1970	73.2	60.8	76.4	121	186	82.5	72.2	55.0	30.0	34.4	53.7	77.3	77.1	1970
1971	97.1	86.5	100	216	191	71.8	20.0	28.8	62.2	46.0	39.8	51.9	84.3	1971
1972	65.3	72.2	107	169	317	151	119	68.0	56.8	59.4	150	141	123	1972
1973	124	117	264	330	181	110	47.0	62.0	22.5	45.4	63.8	76.1	120	1973
1974	99.1	128	188	267	328	104	34.8	38.1	40.0	40.9	55.5	116	120	1974
1975	118	92.5	122	206	128	57.1	28.0	17.8	26.6	34.2	45.8	86.9	80.1	1975
1976	97.5	80.2	185	364	163	68.4	99.5	26.9	34.5	40.9	47.6	71.5	103	1976
1977	78.4	78.4	151	108	49.0	26.2	18.5	15.5	16.4	50.1	76.9	145	67.8	1977
1978	120	119	106	235	242	63.4	26.4	17.6	26.7	49.4	61.1	67.6	94.2	1978
1979	75.9	95.9	167	292	183	85.6	21.1	18.8	14.4	57.8	81.4	145	103	1979
1980	124	104	132	205	125	92.5	72.9	71.8	23.3	60.8	102	105	102	1980
1981	92.2	176	292	113	127	70.4	33.3	34.2	138	91.4	109	104	115	1981
1982	102	91.1	92.8	229	115	102	37.4	13.6	18.6	24.4	75.4	175	89.5	1982
1983	158	150	114	165	346	96.8	20.2	15.5	13.4	21.6	61.1	88.5	104	1983
1984	108	142	176	329	187	68.5	39.2	26.3	17.6	16.5	54.1	69.9	102	1984
1985	139	129	183	272	173	59.2	28.9	13.2	22.2	36.1	73.0	78.9	100	1985
1986	96.9	97.8	122	152	92.0	92.8	42.7	49.8	55.5	105	55.6	59.4	84.9	1986
1987	123	98.4	115	224	43.1	58.2	25.3	11.5	6.73	15.8	34.9	97.0	70.7	1987
1988	130	134	99.8	179	184	33.9	14.1	10.1	8.70	20.4	66.5	59.8	78.1	1988
1989	106	105	96.7	132	132	108	25.2	11.7	11.8	18.4	66.4	60.7	72.4	1989
1990	121	117	175	168	129	52.3	29.9	13.7	9.77	32.5	63.5	140	87.6	1990
MEAN	98.0	98.2	119	205	159	76.6	43.1	29.0	34.3	46.7	68.2	89.8	88.9	MEAN

LOCATION - LAT 45 24 25 N LONG 076 30 28 W

DRAINAGE AREA, 8 160 km² REGULATED

MADAWASKA RIVER AT STEWARTVILLE - STATION NO. 02KE005

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1949	---	282 ON APR 08	1.13 ON JUL 10	---	1949
1950	---	297 ON APR 22	3.14 ON SEP 17	2 590 000	1950
1951	---	344 ON APR 20	0.566 ON OCT 08	3 700 000	1951
1952	---	162 ON APR 13	0.283 ON JUL 27	2 850 000	1952
1953	---	328 ON MAR 29	0.283 ON FEB 22	2 120 000	1953
1954	---	394 ON APR 19	0.283 ON AUG 01	3 020 000	1954
1955	---	450 ON APR 17	0 ON JUL 01 *	2 670 000	1955
1956	---	300 ON APR 10	0 ON MAR 18	2 900 000	1956
1957	---	205 ON DEC 23	0 ON APR 19	2 140 000	1957
1958	---	314 ON APR 19	0 ON JUN 08	2 550 000	1958
1959	---	311 ON APR 18	0 ON MAR 01	2 510 000	1959
1960	---	595 ON APR 20 *	0 ON JUL 01	3 240 000	1960
1961	---	173 ON MAY 10	0 ON JAN 01	1 700 000	1961
1962	---	157 ON APR 18	0 ON JAN 01	1 680 000	1962
1963	---	267 ON APR 04	0 ON JUN 23	2 030 000	1963
1964	---	184 ON APR 25	0 ON MAY 31	1 620 000	1964
1965	---	254 ON MAY 15	0 ON JAN 01	2 500 000	1965
1966	---	256 ON DEC 23	0 ON FEB 20	3 130 000	1966
1967	---	357 ON JUL 04	0 ON MAR 19	3 990 000	1967
1968	---	213 ON APR 16	0 ON JUN 08	2 430 000	1968
1969	---	527 ON MAY 21	0 ON JAN 19	3 190 000	1969
1970	---	294 ON MAY 01	0 ON JAN 01	2 430 000	1970
1971	---	453 ON MAY 05	0 ON JAN 31	2 660 000	1971
1972	---	442 ON MAY 25	0 ON JAN 01	3 900 000	1972
1973	---	453 ON APR 07	0 ON JUL 15	3 790 000	1973
1974	---	459 ON MAY 17	0 ON JUL 20	3 780 000	1974
1975	---	450 ON APR 23	0 ON MAY 31	2 530 000	1975
1976	---	462 ON APR 11	0 ON JUN 12	3 260 000	1976
1977	---	357 ON MAR 26	0 ON MAY 28	2 140 000	1977
1978	---	462 ON APR 25	0 ON JUL 29	2 970 000	1978
1979	---	446 ON APR 04	0 ON SEP 16	3 250 000	1979
1980	---	275 ON APR 28	0 ON MAY 25	3 210 000	1980
1981	---	485 ON FEB 22	0 ON AUG 30	3 620 000	1981
1982	---	395 ON APR 28	0 ON AUG 14	2 820 000	1982
1983	---	530 ON MAY 10	0 ON MAR 18	3 280 000	1983
1984	---	444 ON APR 21	0 ON JUN 16	3 240 000	1984
1985	---	441 ON APR 19	0 ON JUL 26	3 160 000	1985
1986	---	397 ON APR 02	0 ON MAY 17	2 680 000	1986
1987	---	444 ON APR 05	0 ON JUL 26	2 230 000	1987
1988	---	401 ON APR 07	0 ON JUL 10	2 470 000	1988
1989	---	314 ON MAR 30	0 ON JUL 08	2 280 000	1989
1990	---	327 ON MAR 15	0 ON AUG 10	2 760 000	1990
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		2 810 000	MEAN

MADAWASKA RIVER AT WHITNEY - STATION NO. 02KD006

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1942	---	---	---	41.4	34.4	19.4	6.79	2.57	2.32	6.44	8.98	11.3	---	1942
1943	8.57	6.59	9.07	21.3	90.2	17.9	6.76	3.69	5.02	4.69	11.1	12.5	16.5	1943
1944	6.01	3.87	3.14	9.95	26.1	8.63	6.74	4.51	1.96	12.4	9.02	6.58	8.28	1944
1945	5.55	4.41	18.0	33.9	23.2	20.5	8.64	3.51	3.50	10.8	17.1	10.4	13.3	1945
1946	8.87	7.55	19.1	21.4	14.5	10.5	2.91	2.07	1.59	4.72	10.9	13.1	9.76	1946
1947	10.1	8.38	6.80	51.1	70.8	27.6	11.2	5.58	3.55	3.81	10.1	11.6	18.4	1947
1948	5.86	4.06	12.9	47.9	24.2	12.6	5.24	2.55	3.32	8.82	13.4	17.3	13.2	1948
1949	9.85	10.0	9.94	52.9	24.1	7.72	5.08	2.40	1.34	3.95	1.30	7.83	11.3	1949
1950	24.0	15.6	9.71	37.3	23.3	10.4	5.06	5.54	3.57	4.97	12.0	12.5	13.6	1950
1951	9.76	7.62	8.61	86.8	35.2	4.46	7.53	3.49	5.91	8.21	22.6	20.6	18.4	1951
1952	11.1	8.21	6.56	56.9	21.7	11.4	5.36	3.62	7.64	6.45	3.80	7.27	12.4	1952
1953	7.37	7.26	23.1	29.4	17.1	8.04	3.93	3.42	9.30	5.79	2.31	4.60	10.1	1953
1954	5.91	7.56	16.7	43.8	18.5	18.9	5.10	3.72	10.0	23.7	14.1	15.2	15.3	1954
1955	11.0	6.50	8.33	54.9	13.0	6.68	2.74	1.43	1.19	2.73	13.7	8.69	10.9	1955
1956	5.67	4.34	8.34	22.6	37.5	22.0	11.5	6.99	12.7	13.4	8.88	14.1	14.0	1956
1957	9.56	8.62	8.85	---	---	---	---	---	---	---	---	---	---	1957
MEAN	9.29	7.37	11.3	40.8	31.6	13.8	6.31	3.67	4.86	8.06	10.6	11.6	13.2	MEAN

LOCATION - LAT 45 29 48 N DRAINAGE AREA, 1 010 km²
LONG 078 14 00 W REGULATED

MADAWASKA RIVER AT WHITNEY - STATION NO. 02KD006

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1942	---	60.3 ON APR 19	---	---	1942
1943	---	146 ON MAY 08	3.17 ON AUG 20	522 000	1943
1944	---	34.8 ON MAY 09	1.47 ON SEP 17	262 000	1944
1945	---	60.9 ON MAR 31	2.35 ON JUL 28	420 000	1945
1946	---	33.4 ON MAR 26	1.36 ON OCT 03	308 000	1946
1947	---	174 ON MAY 02 *	1.87 ON OCT 27	502 000	1947
1948	---	62.9 ON APR 12	1.73 ON AUG 06	416 000	1948
1949	---	69.1 ON APR 17	0.651 ON NOV 03	357 000	1949
1950	---	53.5 ON APR 25	3.03 ON AUG 26	430 000	1950
1951	---	140 ON APR 16	0.028 ON JUN 28 *	579 000	1951
1952	---	143 ON APR 23	1.22 ON MAY 07	394 000	1952
1953	---	78.7 ON MAR 31	2.21 ON NOV 09	319 000	1953
1954	---	91.7 ON APR 20	2.72 ON JUL 20	481 000	1954
1955	---	114 ON APR 20	0.651 ON OCT 16	342 000	1955
1956	---	53.2 ON MAY 17	2.32 ON AUG 07	443 000	1956
1957	---	---	---	---	1957
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		418 000	MEAN

MADAWASKA RIVER NEAR ARNTPRIOR - STATION NO. 02KE002

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1922	---	---	---	334	247	114	39.4	27.0	34.6	38.9	34.2	35.9	---	1922
1924	---	---	---	---	322	161	60.9	40.6	24.3	34.0	24.7	25.1	---	1924
1925	16.5	30.4	84.4	261	155	128	81.4	45.5	35.7	36.1	74.5	82.4	85.9	1925
1926	45.2	38.2	34.0	99.4	318	168	117	67.9	45.3	45.1	102	110	100	1926
1927	64.6	47.3	117	166	161	155	116	100	52.0	49.3	99.5	151	107	1927
1928	95.2	80.0	70.9	439	285	119	86.4	78.6	60.8	123	184	159	140	1928
1929	109	72.8	151	488	377	130	59.8	36.9	21.9	20.5	22.8	20.7	126	1929
1930	23.2	32.0	67.7	178	205	119	58.8	29.9	29.6	27.4	25.2	20.2	68.1	1930
1931	14.9	15.0	13.5	86.4	96.8	61.9	32.6	19.5	17.4	19.2	22.5	47.0	37.3	1931
1932	112	122	94.3	263	212	86.4	46.0	35.1	28.4	54.7	114	113	106	1932
1933	98.3	67.4	52.7	310	266	88.9	43.4	22.5	20.0	22.9	23.3	21.8	85.8	1933
1934	22.9	23.8	32.8	262	243	71.3	41.8	22.7	25.0	27.3	30.9	73.6	73.2	1934
1935	56.4	48.7	94.6	201	152	113	102	63.1	33.5	23.9	36.3	50.4	81.3	1935
1936	38.2	36.2	104	358	344	151	59.4	23.7	20.7	25.4	44.6	36.0	103	1936
1937	102	93.2	95.2	211	289	117	45.9	23.0	24.6	29.6	69.6	76.2	98.0	1937
1938	86.6	63.4	144	367	224	129	46.2	34.2	34.1	48.4	37.9	36.1	102	1938
1939	37.4	39.4	40.2	138	321	91.0	31.4	25.0	21.7	36.2	31.2	23.9	70.0	1939
1940	21.8	22.7	26.2	139	235	208	55.0	24.0	26.8	31.1	42.2	53.8	73.7	1940
1941	66.5	55.8	45.0	211	152	49.2	43.8	22.3	17.0	25.3	57.5	69.3	67.9	1941
1942	63.4	54.4	86.0	233	173	140	26.2	9.53	17.3	22.6	51.3	81.3	79.5	1942
1943	78.4	81.3	93.2	203	517	148	51.5	33.2	30.7	27.6	75.8	85.2	119	1943
1944	73.1	34.5	57.8	79.1	112	50.9	22.9	12.0	38.7	45.4	41.1	49.6	51.5	1944
1945	56.1	58.0	131	204	160	166	64.8	25.4	42.9	53.9	71.9	61.2	91.2	1945
1946	78.2	82.7	135	149	88.6	86.0	30.9	27.0	31.1	52.4	72.8	65.5	74.7	1946
1947	76.7	112	101	312	345	204	92.0	43.1	42.3	47.7	55.6	59.7	124	1947
1948	60.9	69.1	108	206	134	120	41.3	22.9	30.0	32.0	38.9	46.2	75.5	1948
1949	82.3	120	112	246	151	53.7	17.1	28.7	43.6	46.8	40.6	56.2	82.7	1949
1950	91.8	126	123	216	141	72.4	---	---	---	---	---	---	---	1950
MEAN	63.5	62.5	85.2	236	229	118	56.1	34.9	31.5	38.8	56.5	63.3	89.3	MEAN

LOCATION - LAT 45 24 23 N LONG 076 26 40 W DRAINAGE AREA, 8 260 km^2 REGULATED

MADAWASKA RIVER NEAR ARNPRIOR - STATION NO. 02KE002

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1922	---	515 ON APR 21	---	---	1922
1924	---	360 ON APR 25	---	---	1924
1925	---	328 ON APR 05	14.6 B ON JAN 16	2 710 000	1925
1926	---	388 ON MAY 06	27.8 ON APR 09	3 170 000	1926
1927	---	234 ON MAR 21	37.9 ON OCT 05	3 380 000	1927
1928	---	609 ON APR 14	49.6 ON SEP 09	4 690 000	1928
1929	---	575 ON APR 15	16.4 ON OCT 21	3 970 000	1929
1930	---	273 ON APR 26	18.4 ON OCT 27	2 150 000	1930
1931	---	136 ON APR 13	13.5 B ON MAR 01	1 180 000	1931
1932	362 AT 15:00 EST ON APR 24	357 ON APR 24	20.0 ON SEP 18	3 370 000	1932
1933	447 AT 01:00 EST ON APR 21	447 ON APR 21	16.4 ON OCT 09	2 700 000	1933
1934	416 AT 23:30 EST ON APR 21	411 ON APR 21	17.3 ON SEP 02	2 310 000	1934
1935	244 AT 20:00 EST ON APR 17	236 ON APR 18	15.3 ON OCT 20	2 560 000	1935
1936	430 AT 16:00 EST ON MAY 11	428 ON MAY 09	10.4 ON OCT 12	3 270 000	1936
1937	362 AT 19:20 EST ON MAY 08	360 ON MAY 09	14.6 ON AUG 08	3 090 000	1937
1938	419 AT 22:00 EST ON APR 03	419 ON APR 03	17.6 ON NOV 28	3 210 000	1938
1939	430 AT 13:00 EST ON MAY 02	428 ON MAY 02	11.9 ON SEP 18	2 210 000	1939
1940	365 AT 23:00 EST ON MAY 31	360 ON JUN 01	12.5 ON SEP 02	2 330 000	1940
1941	343 AT 20:00 EST ON APR 23	337 ON APR 23	11.3 ON AUG 04	2 140 000	1941
1942	309 AT 18:00 EST ON APR 07	303 ON APR 08	2.86 ON SEP 08	2 510 000	1942
1943	629 AT 09:00 EST ON MAY 14 *	623 ON MAY 14 *	9.85 ON OCT 11	3 760 000	1943
1944	207 AT 01:00 EST ON MAY 16	193 ON MAY 16	6.91 ON JUL 30	1 630 000	1944
1945	306 AT 04:00 EST ON MAR 29	297 ON APR 03	10.5 ON SEP 23	2 880 000	1945
1946	238 AT 07:00 EST ON APR 01	234 ON APR 01	12.5 ON JUL 28	2 360 000	1946
1947	476 AT 22:00 EST ON MAY 06	476 ON MAY 06	8.04 ON SEP 14	3 910 000	1947
1948	269 AT 14:00 EST ON MAY 24	268 ON MAY 24	0.453 ON SEP 13 *	2 390 000	1948
1949	---	246E ON APR 01	1.25 ON JUL 10	2 610 000	1949
1950	---	309 ON APR 22	---	---	1950
				2 820 000	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

MADTER DRAIN AT CONCESSION #7 (KETTLE TEST) - STATION NO. 02GC033

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1988	---	---	---	---	---	---	---	0.005	0	0.036	0.095	0.029	---	1988
1989	0.026	0.006	0.053	0.057	0.008	0.009	0.001	0	0	0	0.014	0.001	0.015	1989
1990	0.108	0.181	0.103	0.049	0.054	0.013	0.018	0.079	0.044	0.100	0.073	0.155	0.081	1990
MEAN	0.067	0.094	0.078	0.053	0.031	0.011	0.010	0.028	0.015	0.045	0.061	0.062	0.048	MEAN

LOCATION - LAT 42 52 53 N, LONG 081 09 21 W
DRAINAGE AREA, 4 km^2
NATURAL FLOW

REMARKS - STATION ACTIVATED JULY, 1988

MADTER DRAIN AT CONCESSION #7 (KETTLE TEST) - STATION NO. 02GC033

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1988	---	---	---	---	1988
1989	---	0.462E ON MAR 18	0E ON FEB 13 *	458	1989
1990	5.25A AT 17:00 EST ON AUG 28 *	2.00 E ON AUG 28 *	0 ON JUN 20	2 550	1990
				1 500	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX)
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

MAGNETAWAN RIVER AT MAPLE ISLAND - STATION NO. 02EA008

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1945	---	---	---	---	---	---	---	---	5.97	24.2	32.8	18.1	---	1945
1946	32.3	19.2	73.7	51.5	30.1	15.9	3.67	3.66	3.58	9.02	13.2	29.3	23.8	1946
1947	45.8	19.0	13.7	122	95.0	44.3	25.6	14.0	11.8	19.4	15.6	22.0	35.4	1947
1948	15.2	12.8	44.1	98.4	48.2	18.3	9.02	6.67	5.20	13.7	43.9	24.6	28.3	1948
1949	25.7	26.9	32.5	113	42.4	18.6	11.4	7.62	6.95	12.6	5.27	36.3	28.2	1949
1950	53.9	28.2	28.7	69.1	25.7	17.2	8.15	7.24	11.4	11.2	17.9	31.6	25.8	1950
1951	23.3	23.3	27.3	152	47.7	14.3	12.4	5.98	7.07	26.5	58.4	44.5	36.8	1951
1952	23.7	26.4	27.8	97.4	37.6	16.4	10.8	11.2	16.0	10.9	16.4	40.7	27.9	1952
1953	23.1	18.9	56.0	70.6	30.9	16.5	6.62	4.79	9.11	21.1	14.8	27.4	24.1	1953
1954	18.7	23.6	44.0	94.2	49.3	47.2	16.3	8.88	17.1	63.3	34.3	33.1	37.5	1954
1955	15.0	19.0	34.3	97.9	28.7	11.2	4.07	3.07	3.10	13.0	37.0	19.3	23.7	1955
1956	8.17	7.88	12.3	62.6	60.4	25.1	14.5	9.45	28.0	19.9	18.3	27.2	24.5	1956
1957	18.3	21.1	31.2	---	---	---	---	---	---	---	---	---	---	1957
MEAN	23.4	20.5	35.5	93.5	45.1	22.3	11.0	7.51	10.6	19.6	25.6	29.5	28.7	MEAN

LOCATION - LAT 45 42 26 N, LONG 079 52 38 W
DRAINAGE AREA, 1 850 km^2
REGULATED

MAGNETAWAN RIVER AT MAPLE ISLAND - STATION NO. 02EA008

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1945	---	---	---	---	1945
1946	---	127 ON MAR 23	2.41 ON JUL 04	751 000	1946
1947	---	199 ON APR 15 *	4.56 ON NOV 09	1 120 000	1947
1948	---	124 ON APR 08	4.64 ON SEP 22	894 000	1948
1949	---	136 ON APR 09	1.73 ON NOV 09 *	890 000	1949
1950	---	88.9 ON MAR 30	4.36 ON NOV 05	814 000	1950
1951	---	182 ON APR 11	4.19 ON AUG 19	1 160 000	1951
1952	---	136 ON APR 25	5.58 ON JUN 22	881 000	1952
1953	---	120 ON MAR 28	4.02 ON SEP 09	761 000	1953
1954	---	136 ON APR 17	7.70 ON AUG 20	1 180 000	1954
1955	---	146 ON APR 18	1.73 ON OCT 07	747 000	1955
1956	---	89.8 ON APR 16	3.37 ON AUG 18	776 000	1956
1957	---	---	---	---	1957
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		907 000	MEAN

MAGNETAWAN RIVER NEAR BRITT - STATION NO. 02EA011

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1973	---	---	---	---	---	---	---	---	---	---	---	---	---	1973
1974	39.0	42.6	---	150	105	40.4	17.6	---	9.09	26.4	39.6	62.2	---	1974
									---	---	73.6	44.6	---	
1975	38.3	30.7	41.4	97.1	123	18.7	6.87	3.79	16.6	28.2	43.7	87.6	44.8	1975
1976	36.7	28.1	92.2	195	58.2	21.8	19.2	6.45	5.32	9.76	14.0	30.4	43.0	1976
1977	17.6	15.5	95.6	153	32.5	8.05	10.1	5.02	18.4	82.1	85.1	63.3	48.9	1977
1978	34.3	23.4	53.1	89.3	103	25.4	9.32	8.05	21.5	44.6	38.6	42.2	38.7	1978
1979	30.5	26.3	98.7	167	79.8	27.3	9.82	17.3	12.7	27.4	67.1	70.3	52.9	1979
1980	48.2	22.5	35.8	165	48.1	37.9	14.4	25.4	27.5	48.6	64.4	46.5	50.2	1980
1981	24.7	48.4	85.5	125	54.8	30.4	22.0	15.8	69.3	69.8	42.4	41.8	53.1	1981
1982	28.7	20.4	34.4	147	66.7	17.8	12.2	4.70	17.7	44.4	60.7	88.8	45.3	1982
1983	78.8	34.5	60.2	76.6	110	52.6	16.5	4.17	5.95	27.8	37.7	55.7	46.3	1983
1984	26.2	59.5	58.7	127	57.1	62.3	35.1	15.5	13.5	17.5	79.7	54.2	50.2	1984
1985	58.8	31.5	63.0	169	101	23.7	27.1	24.7	32.3	34.7	64.1	60.8	57.7	1985
1986	34.0	26.4	51.9	166	62.1	44.3	10.3	10.5	6.86	32.6	27.8	34.7	42.2	1986
1987	22.1	18.9	32.5	112	21.5	20.4	6.34	3.64	3.49	7.10	29.8	49.7	27.2	1987
1988	28.9	50.3	34.3	165	56.6	13.8	3.20	2.21	7.99	34.9	75.0	46.9	43.0	1988
1989	29.4	24.9	36.7	156	102	42.1	16.1	2.86	1.92	1.83	29.0	31.8	39.4	1989
1990	30.2	40.0	88.6	98.0	83.2	29.5	14.0	5.35	4.60	57.5	68.1	84.6	50.4	1990
MEAN	35.7	32.0	58.3	139	74.4	30.9	15.6	9.72	16.2	35.0	52.2	55.3	45.8	MEAN

LOCATION - LAT 45 46 20 N LONG 080 20 46 W

DRAINAGE AREA, 2 850 km^2
REGULATED

REMARKS - DURING HIGH WATER FLOW MAY SPILL INTO THE HARRIS RIVER BASIN

MAGNETAWAN RIVER NEAR BRITT - STATION NO. 02EA011

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1973	---	---	---	---	1973
1974	249 AT 19:39 EST ON APR 19	249 ON APR 19	---	---	1974
			---	---	
1975	255 AT 17:00 EST ON MAY 02	255 ON APR 30	3.09 ON AUG 22	1 410 000	1975
1976	331 AT 10:56 EST ON APR 04 *	328 ON APR 04 *	4.93 ON SEP 07	1 360 000	1976
1977	227 AT 19:29 EST ON APR 04	226 ON APR 05	4.25 ON AUG 18	1 540 000	1977
1978	182 AT 13:20 EST ON APR 30	182 ON APR 29	6.12 ON AUG 15	1 220 000	1978
1979	---	266RE ON APR 06	6.09 ON JUL 25	1 670 000	1979
1980	240 AT 21:02 EST ON APR 15	239 ON APR 16	16.4 ON MAR 09	1 590 000	1980
1981	195 AT 15:18 EST ON APR 11	194 ON APR 11	9.40E ON JUL 25	1 680 000	1981
1982	240 AT 18:10 EST ON APR 22	239 ON APR 22	3.99 ON AUG 31	1 430 000	1982
1983	172 AT 17:01 EST ON MAY 12	171 ON MAY 12	3.65 ON AUG 16	1 460 000	1983
1984	160 AT 13:51 EST ON APR 20	159 ON APR 20	8.13 ON SEP 07	1 590 000	1984
1985	274 AT 17:09 EST ON APR 25	273 ON APR 25	15.6 ON SEP 25	1 820 000	1985
1986	249 AT 00:42 EST ON APR 07	247 ON APR 07	5.00E ON JUL 27	1 330 000	1986
1987	171 AT 00:11 EST ON APR 04	170 ON APR 04	3.17 ON SEP 05	859 000	1987
1988	263 AT 15:15 EST ON APR 10	260 ON APR 10	1.55 ON AUG 04 *	1 360 000	1988
1989	---	209E ON APR 03	1.56 ON OCT 04	1 240 000	1989
1990	175 AT 16:45 EST ON MAY 23	173 ON MAR 23	3.24 ON SEP 13	1 590 000	1990
	E - ESTIMATED	* - EXTREME RECORDED FOR THE PERIOD OF RECORD R - REVISED SINCE JAN 01 1989		1 450 000	MEAN

MAGNETAWAN RIVER NEAR BURK'S FALLS - STATION NO. 02EA006

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1915	---	---	---	---	---	---	---	5.84	5.21	8.84	8.60	9.86	---	1915
1916	10.8	15.7	9.59	39.1	33.3	21.3	10.3	4.21	4.85	8.84	18.9	20.6	16.4	1916
1917	10.0	7.89	7.53	32.3	32.6	14.0	16.9	9.56	5.74	3.09	5.16	5.07	11.9	1917
1918	4.67	3.31	7.12	31.1	22.4	11.9	5.41	6.27	4.54	11.9	14.2	11.5	11.2	1918
1919	10.5	8.25	10.7	29.4	22.7	13.1	4.81	4.26	3.63	5.84	14.0	15.5	11.9	1919
1920	6.58	4.60	8.87	30.9	16.7	4.47	4.56	5.72	3.50	4.84	8.30	10.4	9.12	1920
1921	10.3	6.73	29.7	38.2	15.7	7.15	5.04	2.87	3.25	2.96	7.02	14.2	12.0	1921
1922	10.0	5.11	10.0	49.3	19.2	3.95	4.75	6.50	3.46	2.11	2.41	2.86	9.96	1922
1923	4.30	4.38	3.63	26.0	43.1	14.6	2.45	1.25	2.17	1.95	4.91	7.33	9.71	1923
1924	7.48	5.71	8.02	23.5	26.5	12.5	5.22	3.24	2.60	2.41	2.53	4.64	8.70	1924
1925	3.76	4.36	10.4	32.7	16.3	13.5	6.19	2.63	2.94	2.47	5.37	9.87	9.19	1925
1926	5.53	3.78	5.57	9.56	43.0	17.7	8.94	5.10	3.43	4.05	27.5	17.8	12.2	1926
1927	6.69	5.53	12.9	20.6	17.0	12.7	9.74	6.33	3.81	4.56	9.55	15.4	10.4	1927
1928	10.8	6.79	6.83	60.4	33.7	13.4	15.8	20.5	15.1	30.9	23.8	16.4	21.2	1928
1929	13.0	9.82	14.8	57.5	36.7	11.5	5.68	3.46	3.27	3.07	3.04	3.86	13.8	1929
1930	6.37	6.46	12.5	21.8	23.6	9.10	7.88	4.15	2.89	3.15	2.80	2.78	8.63	1930
1931	2.29	3.03	3.94	18.1	17.4	6.02	4.21	3.19	3.13	3.31	6.60	11.9	6.95	1931
1932	17.1	14.0	11.2	27.6	18.0	8.41	6.20	4.63	5.48	14.9	23.7	15.3	13.9	1932
1933	16.0	9.00	6.95	38.9	41.8	7.19	5.18	2.96	1.74	2.02	3.44	6.47	10.1	1933
1934	5.86	5.49	6.80	26.1	30.0	8.20	4.84	3.60	2.37	2.08	3.49	10.1	9.09	1934
1935	6.85	5.61	9.21	23.6	14.6	9.83	11.8	8.24	4.18	2.45	7.21	8.12	9.32	1935
1936	3.88	3.82	6.99	22.5	33.6	11.1	4.54	2.08	2.73	7.84	13.8	8.80	10.1	1936
1937	27.3	13.0	12.6	27.2	25.0	9.12	3.38	3.11	3.54	4.36	12.2	9.25	12.5	1937
1938	6.10	6.85	14.4	43.2	18.1	10.3	4.11	3.06	2.85	4.23	5.48	6.76	10.4	1938
1939	5.96	4.60	5.04	23.9	38.8	8.50	4.95	3.36	3.31	2.90	5.92	4.76	9.36	1939
1940	3.70	2.94	2.27	11.6	26.7	13.7	4.16	4.42	7.86	10.4	13.4	12.2	9.45	1940
1941	9.36	5.87	5.00	34.2	17.5	4.61	2.46	2.12	1.52	1.75	17.6	11.2	9.40	1941
1942	8.00	4.76	11.4	39.9	21.8	10.3	2.55	2.74	2.50	3.77	15.2	8.56	10.9	1942
1943	5.51	5.29	6.81	26.2	48.2	14.9	6.86	4.38	5.23	3.61	6.66	5.99	11.7	1943
1944	5.24	5.57	5.85	15.9	25.0	5.59	4.71	4.35	2.83	11.1	9.09	6.77	8.51	1944
1945	4.63	4.63	20.8	28.4	17.0	16.0	4.73	3.78	3.81	8.03	13.0	8.07	11.1	1945
1946	11.6	9.13	24.2	24.1	13.1	7.95	3.15	3.12	3.00	3.17	4.15	11.4	10.0	1946
1947	7.71	6.57	6.54	47.1	41.1	19.6	11.3	7.97	4.51	5.84	6.69	9.00	14.5	1947
1948	5.92	4.67	9.11	39.1	19.2	9.46	3.57	3.29	3.30	2.03	13.3	13.5	10.5	1948
1949	10.8	11.0	11.8	43.5	21.0	9.07	6.09	3.98	3.05	2.70	2.90	9.71	11.3	1949
1950	22.4	12.3	10.5	25.4	15.8	7.44	3.19	3.41	6.41	2.98	8.33	12.5	10.9	1950
1951	6.29	6.52	10.9	56.7	23.4	5.92	4.41	3.41	3.35	8.33	20.1	16.5	14.0	1951
1952	10.6	9.08	7.95	34.0	20.3	8.78	5.52	4.66	6.73	4.87	4.63	13.1	10.8	1952
1953	8.59	7.99	18.3	27.1	13.5	7.61	2.92	2.44	2.20	3.45	3.98	8.37	8.86	1953
1954	6.15	5.90	15.6	31.2	21.4	15.6	4.52	2.79	3.00	19.9	13.9	10.1	12.5	1954
1955	6.84	6.11	8.02	34.9	14.8	6.10	2.10	1.93	1.71	2.00	10.3	6.75	8.44	1955
1956	4.14	3.46	3.70	17.6	21.9	12.9	5.82	4.38	10.1	10.7	8.42	10.6	9.49	1956
1957	7.77	7.80	9.18	19.5	18.2	9.05	18.9	3.99	7.67	10.9	22.1	21.0	13.0	1957
1958	14.0	6.34	7.85	18.4	11.6	5.06	10.2	4.12	3.41	5.41	7.90	6.29	8.37	1958
1959	4.69	4.51	4.94	29.5	29.8	7.83	2.84	4.08	7.01	6.98	19.0	16.3	11.5	1959
1960	8.40	7.27	6.37	42.1	30.8	10.8	8.01	6.09	3.19	2.91	7.35	7.79	11.7	1960
1961	5.41	3.99	4.80	17.6	17.9	7.41	5.07	4.83	3.18	2.88	3.77	8.22	7.11	1961
1962	5.95	5.19	4.36	21.1	19.0	4.36	2.33	2.06	1.27	0.771	1.92	2.64	5.90	1962
1963	2.65	2.31	3.55	28.5	16.7	6.46	3.47	2.60	4.89	3.01	4.59	6.95	7.05	1963
1964	4.33	4.60	6.68	19.3	12.3	3.91	2.54	2.18	2.45	5.75	4.15	7.81	6.33	1964
1965	8.42	5.37	5.57	16.0	35.5	6.60	3.10	5.70	4.93	16.4	12.6	15.7	11.4	1965
1966	13.3	7.31	8.95	17.2	14.2	7.34	2.54	2.40	2.66	4.35	12.8	21.6	9.75	1966
1967	7.87	9.45	6.01	32.2	15.8	11.6	6.23	3.49	3.91	12.6	24.4	13.5	12.2	1967
1968	9.24	8.86	6.91	42.2	7.45	6.29	5.75	4.38	6.56	4.14	6.34	5.76	8.06	1968
1969	4.73	4.62	5.34	25.6	28.3	10.7	4.56	5.30	5.15	10.2	18.9	10.3	11.2	1969
1970	5.59	5.00	5.73	19.8	25.9	8.03	15.7	6.21	5.10	9.47	9.55	12.3	10.8	1970
1971	4.24	4.41	5.83	27.3	24.8	5.74	2.84	2.74	3.34	3.11	4.43	10.2	8.26	1971
1972	4.52	3.48	6.91	24.0	37.4	13.8	12.1	10.6	6.98	9.58	14.8	6.41	12.6	1972
1973	3.84	5.88	34.2	32.9	15.8	10.5	6.41	9.62	3.18	6.55	8.87	12.8	12.6	1973
1974	8.58	9.79	12.7	32.9	27.2	9.99	3.13	4.93	5.46	14.9	10.0	12.5	13.3	1974
1975	8.54	6.48	8.53	21.2	28.8	6.10	1.92	2.27	4.10	5.70	7.51	16.8	9.86	1975
1976	7.42	6.82	17.2	47.4	12.9	5.03	5.67	1.64	2.82	2.63	4.88	7.06	10.1	1976
1977	4.19	3.27	16.0	31.3	6.75	2.33	3.86	2.70	6.87	16.5	17.4	15.0	10.5	1977
1978	6.99	4.76	4.97	18.2	27.9	4.57	3.27	5.44	6.87	11.2	9.24	9.62	9.44	1978
1979	7.47	6.42	16.8	37.5	20.7	7.68	3.05	4.41	3.78	8.63	14.1	15.0	12.1	1979
1980	11.2	5.72	8.75	40.7	12.7	12.4	8.25	6.27	7.84	12.8	16.2	9.67	12.7	1980
1981	6.02	10.0	18.3	32.2	12.7	8.24	4.34	6.19	33.6	19.8	9.59	8.87	14.1	1981
1982	7.25	5.78	7.45	29.3	18.0	6.68	3.24	1.96	6.04	9.20	14.1	21.6	10.9	1982
1983	19.5	8.80	13.5	18.4	25.3	10.8	2.13	2.51	3.06	6.41	8.62	12.1	11.0	1983
1984	6.69	12.4	13.6	29.9	18.9	13.9	7.82	3.72	3.70	4.99	15.1	11.8	11.8	1984
1985	13.4	6.54	12.3	36.0	26.7	5.67	6.24	9.10	11.9	11.9	16.9	15.9	14.4	1985
1986	8.61	6.00	11.5	19.8	16.4	11.2	4.10	3.55	3.13	9.86	7.26	7.34	10.7	1986
1987	5.42	4.58	8.60	27.7	5.52	4.99	2.44	1.42	1.45	3.95	7.06	12.3	7.02	1987
1988	7.60	11.1	7.43	37.4	15.0	2.13	0.672	2.56	2.69	12.3	18.4	10.2	10.6	1988
1989	6.61	5.68	8.42	27.0	22.1	11.8	4.14	0.616	1.96	2.39	8.88	6.99	8.87	1989
1990	5.79	6.98	17.1	24.8	20.2	5.44	3.11	2.79	1.19	9.64	13.0	19.1	10.8	1990
MEAN	8.14	6.57	10.0	29.8	22.3	9.33	5.59	4.36	4.63	6.94	10.5	10.8	10.8	MEAN

LOCATION - LAT 45 37 03 N LONG 079 23 17 W

DRAINAGE AREA, 650 km² REGULATED

MAGNETAWAN RIVER NEAR BURK'S FALLS - STATION NO. 02EA006

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1915	---	---	---	---	1915
1916	---	---	---	519 000	1916
1917	---	47.3 ON APR 19	2.72 ON AUG 28	376 000	1917
1918	---	53.5 ON APR 27	1.19 ON OCT 07	353 000	1918
1919	---	36.2 ON APR 08	2.10 ON JAN 27	375 000	1919
		39.4 ON APR 23	1.30 ON SEP 20		
1920	---	39.6 ON APR 01	1.39 ON SEP 26	288 000	1920
1921	---	70.5 ON MAR 29	1.76 ON OCT 09	377 000	1921
1922	---	83.0 ON APR 18	0.566 ON OCT 18	314 000	1922
1923	---	74.2 ON APR 28	1.16 ON JUL 20	306 000	1923
1924	---	31.4 ON APR 28	1.44 ON SEP 06	275 000	1924
1925	---	38.8 ON APR 16	1.30 ON SEP 27	290 000	1925
1926	---	63.7 ON MAY 10	2.10 ON OCT 03	385 000	1926
1927	---	23.1 ON MAR 30	2.52 ON OCT 18	329 000	1927
1928	---	107 ON APR 11 *	5.13 RB ON MAR 09	670 000	1928
1929	---	86.1 ON APR 13	1.27 ON OCT 27	435 000	1929
1930	---	37.9 ON APR 23	1.95 ON NOV 02	272 000	1930
1931	---	27.6 ON APR 27	2.29 B ON JAN 01	219 000	1931
1932	---	38.2 ON APR 15	2.92 ON SEP 07	438 000	1932
1933	---	63.1 ON APR 20	1.52 ON OCT 15	319 000	1933
1934	---	47.9 ON MAY 05	1.30 ON SEP 03	287 000	1934
1935	---	26.8 ON APR 18	1.87 ON OCT 17	294 000	1935
1936	---	56.4 ON MAY 07	1.93 ON AUG 14	321 000	1936
1937	---	40.8 ON APR 29	2.32 ON JUL 18	394 000	1937
1938	---	64.8 ON APR 03	2.10 ON SEP 18	329 000	1938
1939	---	72.8 ON APR 30	2.01 ON OCT 10	295 000	1939
1940	---	34.3 ON MAY 06	2.15 RB ON MAR 14	299 000	1940
1941	---	68.2 ON APR 22	0.963 ON OCT 10	297 000	1941
1942	---	52.1 ON APR 08	1.50 ON SEP 30	345 000	1942
1943	---	72.8 ON MAY 02	1.90 ON OCT 26	368 000	1943
1944	---	38.8 ON APR 29	1.78 ON SEP 10	269 000	1944
1945	---	50.1 ON MAR 30	2.32 ON SEP 02	349 000	1945
1946	---	42.5 ON MAR 27	0.963 ON OCT 25	316 000	1946
1947	---	79.0 ON APR 17	2.66 ON SEP 10	457 000	1947
1948	---	51.8 ON APR 12	1.70 ON OCT 09	332 000	1948
1949	---	48.7 ON APR 10	2.01 ON OCT 10	355 000	1949
1950	---	28.3 ON APR 06	1.87 ON OCT 27	343 000	1950
1951	---	82.4 ON APR 15	2.46 ON SEP 18	443 000	1951
1952	---	57.2 ON APR 22	2.49 ON NOV 03	343 000	1952
1953	---	45.9 ON MAR 31	1.78 ON SEP 07	280 000	1953
1954	---	50.7 ON APR 21	1.93 ON SEP 09	395 000	1954
1955	---	57.8 ON APR 21	0.991 ON OCT 08	266 000	1955
1956	---	28.0 ON APR 24	3.17 B ON FEB 16	300 000	1956
1957	---	34.5 ON JUL 07	1.67 ON SEP 09	411 000	1957
1958	---	31.7 ON APR 27	2.46 ON SEP 04	264 000	1958
1959	---	66.5 ON APR 21	2.32 ON AUG 08	361 000	1959
1960	---	68.5 ON APR 20	2.58 ON OCT 10	371 000	1960
1961	---	32.3 ON APR 26	2.66 ON OCT 21	224 000	1961
1962	---	32.3 ON MAY 04	0.025 ON OCT 21 *	186 000	1962
1963	---	38.5 ON APR 08	0.212 ON JUN 20	222 000	1963
1964	---	34.5 ON APR 22	1.81 ON SEP 08	200 000	1964
1965	---	48.4 ON MAY 03	1.23 ON JUL 04	359 000	1965
1966	---	29.7 ON DEC 15	0.527 ON AUG 02	307 000	1966
1967	---	41.9 ON APR 19	1.02 ON AUG 25	385 000	1967
1968	---	35.1 ON APR 10	1.64 ON OCT 02	255 000	1968
1969	---	38.8 ON APR 21	0.527 ON JUL 22	352 000	1969
1970	---	47.3 ON APR 29	2.62 ON JUN 15	339 000	1970
1971	---	52.4 ON APR 26	1.08 ON JUL 07	261 000	1971
1972	60.0 AT 02:31 EST ON MAY 05	60.0 ON MAY 05	3.40 B ON FEB 08	198 000	1972
1973	47.3 AT 22:41 EST ON APR 05	47.0 ON APR 05	0.365 ON SEP 22	197 000	1973
1974	54.1 AT 01:39 EST ON APR 25	53.8 ON APR 24	1.46 ON JUL 19	421 000	1974
1975	57.8 AT 20:02 EST ON MAY 02	57.8 ON MAY 02	0.292 ON JUL 18	311 000	1975
1976	80.7 AT 09:10 EST ON APR 04 *	80.4 ON APR 04	0.900 ON JUL 31	319 000	1976
1977	---	59.5E ON APR 02	1.07 ON JUN 14	330 000	1977
1978	42.5 AT 07:58 EST ON MAY 01	42.5 ON MAY 01	1.94 ON JUN 22	298 000	1978
1979	48.9 AT 04:09 EST ON APR 06	48.7 ON APR 06	1.27 B ON DEC 18	383 000	1979
1980	60.5 AT 08:48 EST ON APR 15	60.3 ON APR 16	3.60 ON JUL 16	401 000	1980
1981	47.2 AT 12:08 EST ON APR 11	46.9 ON APR 11	0.799 ON JUL 23	445 000	1981
1982	51.3 AT 01:51 EST ON APR 28	51.1 ON APR 27	0.426 ON AUG 24	343 000	1982
1983	37.9 AT 13:55 EST ON MAY 12	37.6 ON MAY 11	0.425 ON AUG 28	346 000	1983
1984	40.0 AT 16:55 EST ON APR 20	39.8 ON APR 20	2.44 ON SEP 01	374 000	1984
1985	72.6 AT 17:27 EST ON APR 26	72.1 ON APR 26	2.13 ON JUN 01	455 000	1985
1986	54.0 AT 22:59 EST ON APR 06	53.9 ON APR 06	1.89 ON SEP 10	338 000	1986
1987	36.4 AT 17:04 EST ON APR 11	36.3 ON APR 11	1.08 ON AUG 13	221 000	1987
1988	---	52.7 ON APR 10	0.176 ON JUL 07	334 000	1988
1989	31.7 AT 15:13 EST ON MAY 08	30.5 ON MAY 09	0.264 ON JUL 31	280 000	1989
1990	30.7 AT 12:55 EST ON MAR 25	30.5 ON MAR 25	0.591 ON JUL 22	340 000	1990
				339 000	MEAN

B - ICE CONDITIONS
E - ESTIMATED

* - EXTREME RECORDED FOR THE PERIOD OF RECORD
R - REVISED SINCE JAN 01 1989

MAGNETAWAN RIVER NEAR BYNG INLET - STATION NO. 02EA007

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1945	---	---	---	---	---	---	16.2	6.38	3.44	24.1	49.0	27.1	---	1945
1946	43.3	29.4	98.0	91.1	39.3	25.6	9.49	5.47	2.84	3.94	11.1	28.4	32.3	1946
1947	37.4	28.6	23.0	165	126	64.5	30.5	21.7	21.1	27.0	24.1	15.6	50.4	1947
1948	20.9	15.4	55.7	153	68.1	32.8	11.3	7.82	5.39	7.53	32.2	56.3	38.8	1948
1949	38.2	36.0	33.9	102	69.3	29.6	---	---	---	---	---	---	---	1949
MEAN	35.0	27.4	52.7	128	75.7	38.1	16.9	10.3	8.19	15.6	29.1	36.8	40.5	MEAN

LOCATION - LAT 45 46 20 N LONG 080 28 50 W
DRAINAGE AREA, 2 800 km^2
REGULATED

MAGNETAWAN RIVER NEAR BYNG INLET - STATION NO. 02EA007

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1945	---	---	---	---	1945
1946	---	177 ON MAR 25	2.15 ON SEP 15 *	1 020 000	1946
1947	---	262 ON APR 16 *	7.90 ON SEP 20	1 590 000	1947
1948	---	183 ON APR 05	3.99 ON OCT 01	1 230 000	1948
1949	---	125 ON APR 18	---	---	1949
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		1 280 000	MEAN

MAGPIE RIVER AT STEEP HILL FALLS - STATION NO. 02BD001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1920	---	---	---	---	---	---	---	6.19	7.28	7.50	6.48	7.31	---	1920
1921	7.08	7.08	6.57	11.9	28.5	21.6	9.16	8.90	6.18	6.18	5.49	7.08	12.1	1921
1922	6.96	6.06	6.10	22.7	87.7	17.1	10.6	7.18	4.63	4.26	4.92	5.40	15.4	1922
1923	4.60	3.23	3.11	9.87	29.4	8.79	6.00	3.81	7.59	20.4	20.0	11.1	10.7	1923
1924	7.73	6.10	4.45	11.1	38.0	25.3	8.70	7.26	7.52	5.71	8.92	9.10	11.7	1924
1925	5.93	5.18	5.08	39.2	50.7	40.4	23.3	15.1	5.95	6.63	9.35	9.16	18.0	1925
1926	5.89	4.31	3.44	4.90	49.4	30.4	58.2	21.3	18.4	22.3	33.4	31.1	24.3	1926
1927	25.9	25.3	24.9	58.9	74.5	27.0	20.7	10.2	5.04	26.8	32.0	21.7	29.4	1927
1928	13.4	7.68	4.53	23.5	97.3	75.5	71.8	29.3	34.0	54.9	39.9	24.8	39.8	1928
1929	15.9	11.7	9.82	32.7	49.4	39.6	25.3	14.7	14.6	20.7	33.9	21.6	24.2	1929
1930	12.8	8.16	4.16	10.9	71.1	57.3	32.2	12.8	5.62	7.44	7.38	8.38	19.9	1930
1931	5.49	2.80	1.73	15.6	52.9	22.3	11.7	4.46	3.41	8.78	33.9	32.6	16.4	1931
1932	19.8	9.54	3.68	9.76	57.7	32.8	19.3	10.0	13.8	8.21	17.1	16.1	18.2	1932
1933	9.42	3.43	1.42	19.3	96.0	35.3	18.6	9.62	4.24	5.20	9.95	4.11	18.1	1933
1934	1.73	1.14	0.548	1.07	79.2	33.2	18.5	7.34	8.75	12.9	22.6	27.5	18.0	1934
1935	10.2	2.35	1.16	19.5	83.0	47.7	54.5	31.3	19.5	20.9	20.2	12.8	27.1	1935
1936	4.89	2.22	4.90	10.4	119	53.2	22.3	9.32	6.96	5.70	---	---	---	1936
1937	---	---	---	31.8	73.4	31.6	16.5	14.8	11.8	11.6	13.6	12.5	---	1937
1938	8.08	5.86	4.34	42.4	76.4	26.1	44.2	25.5	15.4	8.99	16.8	14.5	26.6	1938
1939	11.4	8.71	8.26	14.0	111	50.0	31.1	---	---	---	---	---	---	1939
MEAN	9.83	6.71	5.46	21.5	69.7	37.5	26.5	13.1	10.6	14.0	18.7	15.4	20.6	MEAN

LOCATION - LAT 48 08 00 N DRAINAGE AREA, 1 640 km^2
LONG 084 44 00 W REGULATED

MAGPIE RIVER AT STEEP HILL FALLS - STATION NO. 02BD001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1920	---	---	---	---	1920
1921	---	69.9 ON APR 29	5.01 ON NOV 14	383 000	1921
1922	---	142 ON MAY 08	1.44 ON APR 01	486 000	1922
1923	---	57.8 ON OCT 21	0.765 ON OCT 06	338 000	1923
1924	---	44.2 ON MAY 01	3.88 ON NOV 06	369 000	1924
1925	---	99.1 ON APR 28	2.92 ON JUL 03	569 000	1925
1926	---	87.8 ON JUL 17	3.12 RB ON MAR 06	767 000	1926
1927	---	138 ON APR 23	4.36 ON SEP 12	928 000	1927
1928	---	147 ON MAY 07	4.08 B ON MAR 10	1 260 000	1928
1929	---	58.6 ON MAY 25	9.01 RB ON MAR 12	764 000	1929
1930	---	112 ON MAY 08	1.19 ON APR 08	629 000	1930
1931	---	82.7 ON MAY 12	1.36 ON APR 01	517 000	1931
1932	---	66.5 ON MAY 14	1.93 ON APR 06	575 000	1932
1933	---	108 ON MAY 06	1.27 ON APR 01	573 000	1933
1934	---	169 ON MAY 09	0.255B ON APR 01 *	569 000	1934
1935	---	104 ON MAY 15	0.935RB ON MAR 15	856 000	1935
1936	---	165 ON MAY 18	1.84 ON MAR 01	---	1936
1937	---	136 ON MAY 01	---	---	1937
1938	---	125 ON MAY 03	3.88 B ON MAR 16	840 000	1938
1939	---	182 ON MAY 11 *	---	---	1939
	B - ICE CONDITIONS	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		651 000	MEAN
		R - REVISED SINCE JAN 01 1989			

MAGPIE RIVER NEAR MICHIPICOTEN - STATION NO. 02BD003

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1939	---	10.9	9.63	19.8	136	54.5	33.8	14.7	15.9	13.4	11.0	7.32	---	1939
1940	---	---	---	---	95.8	68.2	32.2	15.6	9.46	8.24	12.6	---	---	1940
1941	---	---	---	56.1	70.1	30.7	14.4	11.4	14.4	49.6	34.3	---	---	1941
1942	---	---	---	44.9	61.3	21.3	13.1	11.8	21.4	46.8	70.3	---	---	1942
1943	---	---	---	---	102	81.7	---	---	12.1	14.9	---	---	---	1943
1944	---	---	---	---	101	47.1	16.9	14.6	20.0	20.1	17.1	---	---	1944
1945	---	---	---	77.3	31.4	30.0	---	---	---	16.7	57.8	---	---	1945
1946	---	---	---	58.8	74.9	48.9	23.3	11.7	11.9	18.1	34.4	28.3	---	1946
1947	---	---	---	18.3	128	116	---	---	---	---	---	6.88	---	1947
1948	---	---	---	65.8	69.0	18.0	14.3	13.9	11.4	6.65	18.5	---	---	1948
1949	---	---	---	---	101	45.3	25.9	13.7	12.8	20.9	22.0	---	---	1949
1950	---	---	---	---	---	71.0	40.0	17.2	11.0	14.7	38.6	---	---	1950
1951	---	---	---	80.0	92.8	22.2	14.9	9.90	18.0	34.0	43.5	---	---	1951
1952	---	---	---	40.5	53.4	39.7	24.7	16.5	12.6	9.84	10.7	19.4	---	1952
1953	11.8	8.75	9.14	22.7	35.7	43.2	22.4	10.2	6.70	6.14	9.26	19.0	17.1	1953
1954	12.9	10.6	11.7	42.1	94.5	28.3	10.8	4.17	4.10	11.5	14.8	11.1	21.5	1954
1955	---	---	---	---	---	30.2	9.03	5.96	4.58	11.5	16.3	12.4	---	1955
1956	9.50	7.66	6.36	20.6	81.5	47.5	37.7	15.4	22.7	14.1	11.5	10.7	23.8	1956
1957	8.69	6.90	6.60	60.8	82.4	33.4	29.1	10.8	14.8	16.1	30.5	20.8	26.7	1957
1958	17.5	13.2	10.4	45.2	41.9	36.7	33.4	15.0	22.3	28.6	38.6	19.2	26.8	1958
1959	12.2	9.23	8.15	30.9	101	44.8	13.1	23.0	37.1	58.6	---	---	---	1959
1960	---	---	---	---	153	40.2	14.4	8.65	8.01	8.48	14.3	14.3	---	1960
1961	8.97	5.82	7.46	34.1	72.6	33.9	13.5	9.31	11.1	26.5	30.9	---	---	1961
1962	---	---	---	---	76.8	25.6	9.96	7.52	20.7	15.1	15.5	---	---	1962
1963	---	---	---	---	41.7	---	---	11.4	14.9	12.1	---	---	---	1963
1964	---	---	---	---	119	43.7	22.2	15.2	21.3	39.6	---	---	---	1964
1965	---	---	---	---	95.1	33.2	13.4	16.8	21.4	45.2	26.7	19.9	---	1965
1966	10.1	16.1	19.6	50.4	100	38.9	13.2	13.4	9.09	36.9	32.1	33.8	31.9	1966
1967	23.3	16.4	14.2	96.7	77.6	32.5	14.0	10.3	5.84	8.77	14.4	11.2	27.1	1967
1968	9.23	6.32	8.15	64.8	38.6	49.1	97.8	36.7	37.9	53.8	39.2	22.9	38.8	1968
1969	19.5	15.3	12.3	50.7	85.2	27.3	15.6	11.2	10.2	15.9	16.4	16.7	24.7	1969
1970	13.2	9.94	8.98	30.1	93.8	47.1	19.9	11.1	13.6	17.7	35.6	31.3	27.8	1970
1971	19.1	14.6	13.5	51.0	94.2	45.2	18.1	9.32	9.85	19.0	44.3	29.3	30.7	1971
1972	19.5	14.4	11.5	75.3	81.2	36.7	47.3	22.1	21.4	25.1	20.2	15.2	26.0	1972
1973	10.9	9.96	23.8	75.3	94.4	31.7	36.2	28.3	18.1	24.9	20.0	19.6	32.9	1973
1974	13.2	9.33	9.95	41.4	110	46.8	19.7	30.6	30.8	43.2	40.2	22.7	35.0	1974
1975	17.5	12.5	9.40	28.8	111	35.7	13.6	4.82	3.66	3.88	14.8	28.9	23.8	1975
1976	12.5	8.71	10.7	131	59.5	15.9	7.05	3.31	2.38	2.65	4.18	5.47	21.8	1976
1977	5.11	4.55	17.5	90.1	46.3	13.7	10.8	5.74	31.8	38.1	39.6	19.9	26.9	1977
1978	11.7	8.81	7.50	14.2	65.1	42.2	31.0	16.9	14.1	35.0	20.0	12.8	23.4	1978
1979	9.09	7.23	10.0	70.3	192	64.5	18.2	8.60	19.1	40.9	58.4	32.0	44.4	1979
1980	20.8	14.2	11.1	48.2	71.3	25.5	10.1	6.67	10.8	36.7	30.2	17.1	25.2	1980
1981	10.4	8.60	12.5	55.8	79.1	27.5	12.9	5.06	3.67	6.23	10.0	10.9	20.3	1981
1982	12.0	8.76	6.20	36.2	87.2	20.7	34.4	14.1	16.9	61.0	66.7	14.2	31.4	1982
1983	16.1	14.7	10.3	46.5	84.9	48.7	17.4	9.24	11.2	30.3	28.9	23.1	29.3	1983
1984	13.9	13.6	11.1	47.8	58.9	37.2	34.5	13.3	8.11	15.6	32.3	34.1	26.7	1984
1985	21.4	14.1	10.7	54.7	58.5	23.4	18.3	24.7	26.3	58.9	36.7	20.9	30.8	1985
1986	15.0	11.9	11.0	52.5	55.3	19.4	10.5	10.1	13.5	25.1	32.5	16.4	22.5	1986
1987	10.5	8.61	8.61	37.3	18.9	25.5	8.83	9.53	7.44	8.28	23.3	23.1	14.7	1987
1988	11.8	9.19	9.07	70.7	65.6	22.6	8.99	8.75	9.44	12.6	44.0	35.9	25.9	1988
1989	17.2	11.1	8.23	11.6	85.2	70.2	9.15	4.47	3.68	3.78	12.1	8.43	20.5	1989
1990	7.84	16.2	35.6	---	---	---	---	---	---	---	---	---	---	1990
MEAN	13.8	10.9	11.8	50.0	82.2	39.4	20.8	13.0	14.7	23.8	28.1	19.9	26.9	MEAN

LOCATION - LAT 47 56 20 N LONG 084 49 50 W

DRAINAGE AREA, NATURAL FLOW 1 930 km²

MAGPIE RIVER NEAR MICHIPICOTEN - STATION NO. 02BD003

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1939	---	229 ON MAY 10	6.94B ON DEC 09	---	1939
1940	---	130 ON MAY 23	---	---	1940
1941	---	127 ON MAY 09	---	---	1941
1942	---	91.7 ON APR 27	---	---	1942
1943	---	145 ON MAY 07	---	---	1943
1944	---	164 ON MAY 06	---	---	1944
1945	---	124 ON NOV 14	---	---	1945
1946	---	175 ON MAY 27	---	---	1946
1947	---	166 ON MAY 20	---	---	1947
1948	---	176 ON APR 30	---	---	1948
1949	---	165 ON MAY 10	---	---	1949
1950	---	170 ON MAY 18	---	---	1950
1951	---	177 E ON MAY 03	---	---	1951
1952	---	127 ON APR 24	---	---	1952
1953	---	57.8 ON JUN 12	6.00 ON SEP 26	540 000	1953
1954	---	146 ON MAY 10	3.62 ON OCT 09	676 000	1954
1955	---	---	---	---	1955
1956	142 ON MAY 17	135 ON MAY 17	6.06B ON MAR 27	754 000	1956
1957	234 AT 00:30 EST ON APR 29	233 ON APR 29	6.00B ON MAR 09	843 000	1957
1958	101 AT 24:00 EST ON APR 24	101 ON APR 25	9.60B ON MAR 26	847 000	1958
1959	170 ON MAY 08	---	---	---	1959
1960	212 AT 20:00 EST ON MAY 07	---	---	---	1960
1961	122 AT 24:00 EST ON MAY 18	---	---	---	1961
1962	121 AT 21:00 EST ON MAY 06	---	---	---	1962
1963	86.4 AT 11:15 EST ON APR 22	---	---	---	1963
1964	208 AT 23:00 EST ON MAY 10	---	---	---	1964
1965	130 AT 19:00 EST ON MAY 07	---	---	---	1965
1966	134 AT 09:45 EST ON MAY 22	134 ON MAY 22	6.94 ON SEP 27	1 010 000	1966
1967	153 AT 11:30 EST ON APR 18	150 ON APR 18	4.76 ON OCT 07	854 000	1967
1968	261 AT 20:00 EST ON JUL 20	249 ON JUL 20	5.86B ON FEB 27	1 230 000	1968
1969	118 AT 20:00 EST ON MAY 09	117 ON MAY 09	7.84 ON AUG 30	780 000	1969
1970	189 AT 01:50 EST ON MAY 03	185 ON MAY 03	8.18B ON MAR 31	877 000	1970
1971	175 AT 22:59 EST ON MAY 26	174 ON MAY 27	7.70 ON SEP 02	967 000	1971
1972	136 AT 07:58 EST ON MAY 03	135 ON MAY 03	10.9 B ON MAR 26	824 000	1972
1973	177 AT 06:46 EST ON MAY 12	176 ON MAY 12	9.40B ON FEB 27	1 040 000	1973
1974	175 AT 22:20 EST ON MAY 06	174 ON MAY 05	8.89 ON MAR 01	1 100 000	1974
1975	238 AT 01:22 EST ON MAY 08	234 ON MAY 08	2.50 ON SEP 03	751 000	1975
1976	309 AT 07:17 EST ON APR 24	306 ON APR 24	2.18 ON SEP 19 *	691 000	1976
1977	180 AT 15:22 EST ON APR 24	179 ON APR 24	4.36B ON FEB 21	849 000	1977
1978	121 AT 05:37 EST ON MAY 17	119 ON MAY 17	7.33B ON MAR 23	738 000	1978
1979	381 AT 01:47 EST ON MAY 12 *	371 ON MAY 12 *	4.20 ON AUG 23	1 400 000	1979
1980	140 AT 02:36 EST ON MAY 03	139 ON MAY 03	5.45 ON SEP 12	798 000	1980
1981	162 AT 15:25 EST ON MAY 07	159 ON MAY 07	3.36 ON OCT 13	639 000	1981
1982	137 AT 08:32 EST ON MAY 07	136 ON MAY 07	6.00B ON MAR 10	1 050 000	1982
1983	136 AT 08:17 EST ON MAY 01	135 ON MAY 01	5.50 ON SEP 05	925 000	1983
1984	105 AT 17:10 EST ON MAY 02	104 ON MAY 02	5.04 ON SEP 22	845 000	1984
1985	200 AT 04:39 EST ON APR 27	195 ON APR 26	10.1 B ON MAR 24	971 000	1985
1986	89.5 AT 13:13 EST ON MAY 03	89.2 ON MAY 03	7.91 ON JUL 23	711 000	1986
1987	57.7 AT 04:48 EST ON APR 21	56.8 ON APR 20	5.32 ON JUL 09	465 000	1987
1988	106 AT 16:04 EST ON MAY 16	105 ON APR 15	5.32E ON JUL 31	820 000	1988
1989	170 AT 05:07 EST ON MAY 20	169 ON MAY 20	3.14 ON OCT 26	645 000	1989
1990	---	---	---	---	1990
				850 000	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

MAITLAND RIVER ABOVE WINGHAM - STATION NO. 02FE005

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1953	---	---	36.3	---	---	7.60	2.52	0.750	0.850	0.832	0.767	1.83	---	1953
1954	0.991	17.6	24.1	17.1	3.68	1.23	0.612	0.348	0.829	25.6	7.80	6.75	8.83	1954
1955	9.06	5.66	21.9	25.5	7.45	1.73	0.448	0.345	0.255	0.931	2.44	4.46	6.60	1955
1956	2.61	2.77	22.0	32.5	12.9	2.53	3.10	2.17	3.42	2.35	2.61	8.26	8.11	1956
1957	4.74	18.0	18.4	11.2	4.25	3.30	4.84	0.649	2.52	2.41	8.54	14.3	7.68	1957
1958	3.37	2.05	10.7	7.49	1.44	0.870	0.578	0.345	0.569	0.467	1.71	1.63	2.60	1958
1959	2.08	4.34	21.8	44.4	8.40	1.74	1.18	0.979	1.31	3.09	15.4	13.6	9.84	1959
1960	8.76	6.88	7.98	43.8	18.7	5.25	2.31	0.749	0.519	0.524	1.38	0.936	8.02	1960
1961	0.784	4.54	14.8	8.32	7.11	2.57	2.32	1.45	1.00	0.757	2.38	3.95	4.16	1961
1962	2.49	2.38	17.0	13.1	2.90	1.08	0.454	0.385	0.552	1.42	3.20	4.11	4.10	1962
1963	2.22	2.11	21.8	10.9	7.85	1.75	0.805	0.900	0.499	0.467	1.92	2.23	4.41	1963
1964	5.10	4.24	15.0	10.0	2.89	1.01	0.848	4.91	1.34	1.46	2.55	10.2	4.99	1964
1965	5.26	15.3	11.3	28.1	6.47	1.40	0.795	0.878	1.14	4.53	9.15	16.6	8.33	1965
1966	7.96	10.9	20.0	10.4	5.26	5.42	0.537	0.668	0.794	1.22	4.33	12.3	6.63	1966
1967	10.9	7.43	14.4	23.2	4.38	10.0	4.67	1.92	1.48	6.62	16.0	15.2	9.67	1967
1968	6.00	20.2	20.5	8.98	4.86	2.54	1.38	6.71	4.57	6.00	9.77	14.0	8.75	1968
1969	12.9	13.9	15.0	26.3	14.1	4.16	2.13	0.972	0.585	1.44	5.04	4.87	8.40	1969
1970	3.00	3.92	5.60	28.0	5.26	1.45	2.35	1.10	1.82	3.34	4.24	6.88	5.56	1970
1971	4.42	4.79	13.5	28.8	3.58	1.80	1.24	0.839	0.808	0.848	1.12	4.33	5.47	1971
1972	5.26	3.62	6.93	35.8	4.99	3.88	2.03	1.01	0.844	2.57	4.42	8.60	6.61	1972
1973	17.4	7.41	22.7	9.45	6.58	3.86	1.33	0.955	0.457	0.851	2.84	4.15	6.52	1973
1974	8.42	5.80	20.0	18.0	17.3	3.41	1.30	0.854	0.737	1.09	4.20	2.71	6.99	1974
1975	7.36	8.60	15.2	32.0	6.73	3.01	1.23	6.05	7.94	4.27	5.39	13.4	9.24	1975
1976	6.19	14.6	48.6	13.4	9.98	1.75	4.75	1.03	2.26	3.62	4.18	3.25	9.39	1976
1977	2.23	2.36	38.0	10.7	4.25	1.13	1.30	7.98	7.97	15.8	11.0	9.64	9.28	1977
1978	4.38	3.14	7.04	27.6	5.83	3.12	0.987	0.948	1.78	2.73	2.84	3.72	5.32	1978
1979	5.58	2.40	31.7	27.1	6.77	1.96	1.42	1.18	0.869	2.66	7.78	13.3	8.60	1979
1980	4.75	2.05	19.2	20.1	4.72	2.95	1.53	1.53	2.86	6.26	4.78	7.64	6.54	1980
1981	3.10	28.5	10.3	6.83	5.16	2.88	1.06	1.90	6.45	11.0	7.15	4.82	7.28	1981
1982	4.01	2.01	17.3	32.6	3.87	4.75	1.50	1.58	1.47	1.91	9.65	17.7	8.18	1982
1983	6.20	7.32	8.19	9.65	10.2	3.72	2.42	1.38	2.95	4.45	6.24	8.58	5.85	1983
1984	4.08	26.7	13.1	9.63	3.70	7.06	2.29	0.836	1.70	1.88	7.75	14.3	7.66	1984
1985	6.87	17.0	32.5	29.8	6.41	3.39	1.41	1.31	3.16	6.10	15.2	7.76	10.8	1985
1986	6.31	4.18	30.1	10.4	7.39	5.09	3.40	2.13	20.0	17.5	6.43	7.34	10.2	1986
1987	4.20	2.94	18.8	10.8	1.93	1.82	2.05	1.56	1.03	2.55	10.1	13.1	5.93	1987
1988	6.19	11.9	19.5	10.1	5.11	1.21	0.986	0.789	0.700	6.56	13.3	8.91	7.09	1988
1989	9.76	4.62	18.0	11.3	4.77	2.88	0.836	0.911	1.01	1.51	9.24	3.36	5.69	1989
1990	14.9	11.4	20.8	8.38	5.51	2.28	1.57	0.951	1.01	10.9	17.4	18.5	9.47	1990
MEAN	5.96	8.45	19.2	19.2	6.48	3.09	1.67	1.62	2.36	4.43	6.58	8.35	7.26	MEAN

LOCATION - LAT 43 54 57 N
LONG 081 15 50 W
DRAINAGE AREA, 528 km²
REGULATED

MAITLAND RIVER ABOVE WINGHAM - STATION NO. 02FE005

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1953	---	---	---	---	1953
1954	---	222 ON OCT 16	0.198 ON JUL 28	279 000	1954
1955	---	79.6 ON APR 01	0.227 ON SEP 14	208 000	1955
1956	---	168 ON APR 04	0.680 ON AUG 21	256 000	1956
1957	---	144 ON FEB 26	0.481 ON AUG 26	242 000	1957
1958	---	37.1 ON MAR 28	0.227 ON AUG 10	82 100	1958
1959	---	193 ON APR 02	0.566E ON AUG 03	310 000	1959
1960	---	222 ON APR 03	0.419 ON OCT 01	254 000	1960
1961	---	26.7B ON FEB 26	0.371 ON OCT 13	131 000	1961
1962	---	103 ON MAR 30	0.293 ON JUL 05	129 000	1962
1963	184 AT 00:01 EST ON MAR 28	150 ON MAR 28	0.337 ON OCT 11	139 000	1963
1964	53.8 AT 15:10 EST ON MAR 05	41.9 ON MAR 06	0.308 ON JUL 07	158 000	1964
1965	88.3 AT 16:00 EST ON APR 12	82.1B ON FEB 11	0.464 ON JUL 25	263 000	1965
1966	96.8 AT 01:00 EST ON DEC 08	86.1 ON DEC 08	0.193 ON JUL 30 *	209 000	1966
1967	105 AT 17:00 EST ON APR 03	88.9 ON APR 03	0.821 ON SEP 19	305 000	1967
1968	241 B AT 23:50 EST ON FEB 02	141 B ON FEB 02	0.600 ON JUL 21	277 000	1968
1969	129 AT 16:13 EST ON APR 05	110 ON APR 05	0.476 ON OCT 06	265 000	1969
1970	102 AT 21:00 EST ON APR 14	93.4 ON APR 14	0.824 ON AUG 21	175 000	1970
1971	84.7 AT 08:30 EST ON APR 10	75.6 ON APR 10	0.572 ON SEP 19	172 000	1971
1972	190 AT 12:20 EST ON APR 15	163 ON APR 15	0.589 ON SEP 23	209 000	1972
1973	82.7 AT 09:00 EST ON JAN 01	71.1 ON JAN 01	0.343 ON SEP 21	206 000	1973
1974	200 AT 17:29 EST ON MAY 17	144 ON MAY 17	0.569 ON AUG 21	221 000	1974
1975	374 AT 15:41 EST ON APR 19 *	286 ON APR 19 *	0.479 ON AUG 20	291 000	1975
1976	282 AT 16:33 EST ON MAR 21	243 ON MAR 21	0.597 ON AUG 25	297 000	1976
1977	311 AT 22:18 EST ON MAR 13	224 ON MAR 13	0.433 ON JUL 28	293 000	1977
1978	99.4 AT 04:30 EST ON APR 12	83.5 ON APR 12	0.640 ON SEP 10	168 000	1978
1979	222 AT 21:32 EST ON APR 14	185 ON APR 14	0.594 ON AUG 22	271 000	1979
1980	140 AT 23:42 EST ON MAR 21	109 ON MAR 22	0.489 ON AUG 25	207 000	1980
1981	167 AT 21:30 EST ON FEB 23	139 ON FEB 23	0.720 ON AUG 20	229 000	1981
1982	245 E AT 04:57 EST ON APR 01	154 E ON APR 01	0.748 ON AUG 13	258 000	1982
1983	29.2 AT 18:00 EST ON DEC 13	24.3 ON DEC 13	0.924 ON JUL 30	184 000	1983
1984	134 AT 07:49 EST ON DEC 30	117 ON DEC 30	0.561 ON AUG 21	242 000	1984
1985	192 AT 10:14 EST ON APR 06	174 ON APR 06	0.667 ON AUG 14	342 000	1985
1986	121 AT 10:08 EST ON SEP 12	105 ON MAR 20	0.912 ON MAY 12	320 000	1986
1987	49.8 AT 15:07 EST ON MAR 24	46.9 ON MAR 24	0.742 ON SEP 10	187 000	1987
1988	90.6 AT 13:48 EST ON MAR 26	87.1 ON MAR 26	0.338 ON AUG 24	224 000	1988
1989	90.0 AT 09:08 EST ON MAR 29	85.5 ON MAR 29	0.431 ON OCT 26	179 000	1989
1990	123 AT 12:29 EST ON MAR 13	111 ON MAR 13	0.676 ON SEP 03	299 000	1990
				229 000	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

MAITLAND RIVER AT BENMILLER - STATION NO. 02FE001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1911	---	---	---	---	---	8.90	4.68	4.51	5.13	17.9	69.5	61.3	---	1911
1912	156	---	115	272	100	28.1	6.31	11.1	49.0	30.2	111	55.2	---	1912
1913	117	48.1	187	116	10.4	4.59	3.00	2.78	2.45	5.49	42.5	21.6	46.8	1913
1914	36.5	39.9	104	63.3	12.4	5.55	3.47	3.13	3.75	3.48	15.9	23.9	26.2	1914
1915	34.7	91.5	48.2	39.2	8.49	4.27	3.72	23.8	37.9	28.0	32.5	49.4	33.0	1915
1916	117	41.1	78.7	122	44.8	28.8	5.15	2.91	2.70	4.30	7.72	16.8	39.3	1916
1917	19.2	21.0	135	65.6	41.8	67.5	85.6	6.62	3.60	---	---	---	---	1917
MEAN	80.1	48.3	111	113	36.3	21.1	16.0	7.84	14.9	14.9	46.5	38.0	36.3	MEAN

LOCATION - LAT 43 43 05 N
LONG 081 37 35 W
DRAINAGE AREA, 2 460 km²
NATURAL FLOW
DATA CONTRIBUTED BY - ONTARIO HYDRO

MAITLAND RIVER AT BENMILLER - STATION NO. 02FE001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1911	---	---	---	---	1911
1912	---	---	---	---	1912
1913	---	1 840 ON APR 07 *	3.96 ON JUL 08	---	1913
1914	---	968 ON MAR 15	1.98 ON SEP 15 *	1 480 000	1914
		391 ON MAR 30	1.98 ON AUG 07	826 000	
1915	---	168 ON FEB 23	2.94 ON JUN 27	1 040 000	1915
1916	---	841 ON MAR 30	2.29 ON AUG 24	1 240 000	1916
1917	---	462 ON MAR 25	---	---	1917
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		1 150 000	MEAN

MAITLAND RIVER AT BENMILLER - STATION NO. 02FE015

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1989	53.3	21.8	74.8	62.6	19.7	25.4	3.91	3.50	3.51	5.93	37.0	15.6	27.2	1989
1990	73.2	56.7	87.1	42.4	25.8	12.9	10.9	4.74	6.87	72.1	96.1	94.1	48.6	1990
MEAN	63.2	39.2	81.0	52.5	22.7	19.1	7.41	4.12	5.19	39.0	66.6	54.8	37.9	MEAN

LOCATION - LAT 43 43 02 N
LONG 081 37 37 W
DRAINAGE AREA, 2 510 km²
NATURAL FLOW

MAITLAND RIVER AT BENMILLER - STATION NO. 02FE015

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1989	283 AT 14:38 EST ON MAR 29	271 ON MAR 29	1.73 ON AUG 27 *	859 000	1989
1990	446 AT 02:56 EST ON DEC 31 *	405 ON DEC 31 *	2.68 ON AUG 26	1 530 000	1990
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		1 190 000	MEAN

MAITLAND RIVER BELOW WINGHAM - STATION NO. 02FE002

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1953	---	---	60.4	21.5	38.7	24.0	4.08	0.723	0.862	1.01	1.63	4.31	---	1953
1954	3.57	83.1	86.6	55.0	11.6	2.69	0.739	0.294	0.900	72.5	20.1	20.9	29.5	1954
1955	26.6	16.2	76.2	57.2	11.6	3.93	0.412	0.298	0.166	0.803	6.15	14.1	17.8	1955
1956	7.64	4.17	55.9	89.4	62.6	6.85	9.02	3.36	9.92	3.76	4.56	26.1	23.7	1956
1957	28.5	38.2	52.7	36.4	11.6	7.24	13.8	0.893	4.67	5.52	27.5	50.5	22.9	1957
1958	11.5	7.07	41.6	22.0	3.43	1.63	1.54	0.854	2.26	1.46	7.81	3.62	8.74	1958
1959	11.0	12.7	66.0	124	24.0	4.42	2.61	2.52	3.66	9.15	39.3	29.9	27.4	1959
1960	19.1	14.6	12.7	126	48.3	12.7	2.27	1.16	0.680	0.734	2.62	1.63	20.1	1960
1961	1.38	15.1	44.3	25.6	20.5	6.54	3.22	2.42	1.97	1.21	6.77	16.2	12.1	1961
1962	7.12	7.19	66.9	42.1	7.17	1.98	0.686	0.647	0.955	1.92	7.17	14.3	13.2	1962
1963	5.58	4.18	72.7	31.3	19.4	3.43	2.00	1.08	0.640	1.31	3.64	2.88	12.4	1963
1964	16.1	12.6	48.1	32.0	8.28	1.84	2.23	8.30	2.57	3.07	4.33	22.3	13.5	1964
1965	12.6	62.7	39.5	88.7	19.4	2.74	2.37	2.87	2.47	34.1	30.4	57.4	29.3	1965
1966	24.0	42.8	62.7	32.3	14.5	16.7	7.84	1.57	1.77	2.18	10.2	39.2	20.7	1966
1967	33.7	21.7	46.2	71.9	13.2	24.3	12.9	4.02	3.44	24.7	52.3	48.8	29.7	1967
1968	16.7	68.5	63.6	25.5	12.2	5.51	3.18	13.8	8.76	16.2	20.7	37.3	24.8	1968
1969	40.3	40.9	52.0	92.7	43.2	9.32	4.07	1.91	1.11	2.86	13.7	11.0	25.9	1969
1970	7.05	10.3	18.4	89.4	15.6	4.10	5.87	2.66	3.35	7.33	12.5	22.7	16.5	1970
1971	11.4	13.8	40.8	98.0	9.29	6.68	5.76	2.00	1.81	1.78	2.18	11.9	16.8	1971
1972	16.0	10.6	32.5	107	12.8	10.8	3.47	2.33	1.91	7.26	14.0	30.6	21.0	1972
1973	60.3	19.8	79.1	27.0	21.5	9.59	3.31	2.47	1.56	1.93	9.42	14.5	21.0	1973
1974	39.8	20.0	62.2	56.7	50.2	7.65	2.80	1.53	1.36	1.97	8.96	6.15	21.6	1974
1975	21.8	24.1	51.7	92.8	16.5	8.84	3.17	36.4	25.9	12.4	16.5	41.0	29.2	1975
1976	19.6	58.1	153	40.1	26.4	4.05	8.23	2.60	4.66	7.23	12.1	9.68	28.9	1976
1977	6.79	6.64	128	28.0	4.89	2.17	2.11	15.3	21.3	38.8	31.5	31.3	26.6	1977
1978	13.0	10.3	26.5	114	16.7	7.69	3.99	1.57	6.55	10.6	9.92	13.0	19.2	1978
1979	18.7	7.74	122	88.8	17.8	4.69	2.57	1.93	1.36	6.37	27.1	45.7	28.9	1979
1980	14.3	6.31	67.1	60.8	13.7	6.24	3.01	2.71	5.03	12.1	10.1	23.6	18.8	1980
1981	7.45	95.8	30.5	20.1	17.6	5.80	2.36	3.00	13.2	34.9	21.8	16.3	21.9	1981
1982	10.6	5.19	59.6	111	7.86	15.3	4.20	3.87	4.84	5.43	18.7	65.8	27.7	1982
1983	18.2	24.7	23.3	28.7	36.5	10.9	2.41	2.64	9.28	12.4	19.0	30.2	18.1	1983
1984	10.9	99.9	47.0	29.1	9.09	16.0	3.92	1.84	4.21	4.29	25.6	43.9	24.3	1984
1985	20.0	52.2	121	88.8	13.9	7.40	3.73	8.04	13.6	20.3	49.1	24.1	35.0	1985
1986	27.3	12.2	102	27.6	17.8	10.2	4.69	8.03	89.3	72.8	17.7	22.3	34.5	1986
1987	13.1	7.88	67.6	14.7	5.15	4.78	13.2	7.68	2.65	7.81	31.9	45.8	20.3	1987
1988	19.1	29.0	66.0	28.0	12.4	2.79	1.87	1.90	1.82	20.8	42.3	26.0	21.0	1988
1989	31.4	12.6	50.6	36.5	10.6	12.5	2.01	1.90	1.95	3.12	22.7	8.67	16.2	1989
1990	45.4	35.3	55.9	24.7	14.9	6.23	4.07	2.05	2.68	42.0	57.7	58.8	29.2	1990
MEAN	18.9	27.4	61.9	58.0	19.0	7.90	4.02	4.18	6.98	13.5	19.7	26.1	22.4	MEAN

LOCATION - LAT 43 53 12 N LONG 081 19 37 W DRAINAGE AREA, 1 630 km² REGULATED

MAITLAND RIVER BELOW WINGHAM - STATION NO. 02FE002

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1953	188 AT 22:00 EST ON MAR 16	160 ON MAR 16	0.283 ON AUG 15	---	1953
1954	---	464 ON OCT 16	0.142 ON JUL 28	930 000	1954
1955	---	294 ON MAR 12	0.057 ON SEP 10 *	562 000	1955
1956	---	391 ON APR 05	0.736 ON AUG 21	751 000	1956
1957	---	238 ON DEC 22	0.425 ON AUG 23	722 000	1957
1958	---	130 ON MAR 29	0.481 ON AUG 07	276 000	1958
1959	---	402 ON APR 06	1.33 ON JUL 10	864 000	1959
1960	583 AT 06:00 EST ON APR 04	566 ON APR 04	0.328 ON OCT 01	636 000	1960
1961	---	114 ON MAR 07	0.592 ON OCT 24	383 000	1961
1962	---	479 ON MAR 30	0.227 ON JUL 14	417 000	1962
1963	---	530 ON MAR 28	0.252 ON JUL 13	390 000	1963
1964	---	148 ON DEC 26	0.629 ON JUL 06	427 000	1964
1965	---	306 ON FEB 12	0.776 ON SEP 08	924 000	1965
1966	---	215 ON FEB 12	1.04 ON SEP 20	653 000	1966
1967	221 AT 03:00 EST ON MAR 31	217 ON MAR 31	0.957 ON SEP 19	936 000	1967
1968	490 AT 02:00 EST ON FEB 03	416 ON FEB 03	1.78 ON JUL 16	786 000	1968
1969	371 AT 17:49 EST ON APR 05	323 ON APR 05	0.954 ON SEP 29	818 000	1969
1970	276 AT 21:35 EST ON APR 10	267 ON APR 10	1.58 ON AUG 16	521 000	1970
1971	257 AT 11:29 EST ON APR 10	252 ON APR 10	0.861 ON OCT 30	529 000	1971
1972	388 AT 15:43 EST ON APR 15	374 ON APR 15	1.58 ON SEP 24	664 000	1972
1973	240B AT 04:27 EST ON JAN 01	229B ON JAN 01	1.36 ON OCT 08	661 000	1973
1974	394 AT 22:00 EST ON MAY 17	314 ON MAR 05	1.16 ON AUG 26	683 000	1974
1975	776 AT 20:10 EST ON APR 19 *	626 ON APR 19	1.66 ON AUG 20	922 000	1975
1976	605 AT 20:46 EST ON MAR 21	592 ON MAR 21	1.76 ON AUG 26	913 000	1976
1977	739 AT 04:16 EST ON MAR 14	680 ON MAR 14 *	0.799 ON JUL 28	840 000	1977
1978	314 AT 06:00 EST ON APR 12	294 ON APR 08	1.17 ON AUG 08	606 000	1978
1979	565 AT 21:13 EST ON APR 14	440 ON APR 15	1.17 ON SEP 09	912 000	1979
1980	349 AT 11:55 EST ON MAR 22	332 ON MAR 22	1.24 ON AUG 27	594 000	1980
1981	533 AT 23:15 EST ON FEB 23	464 ON FEB 24	1.52 ON AUG 26	690 000	1981
1982	594 AT 06:57 EST ON APR 01	549 ON APR 01	1.95 ON AUG 22	874 000	1982
1983	112 AT 01:03 EST ON DEC 14	105 ON DEC 14	1.42 ON JUL 30	572 000	1983
1984	319 AT 09:22 EST ON DEC 30	306 ON FEB 16	1.27 ON AUG 26	768 000	1984
1985	512 AT 13:39 EST ON APR 06	481 ON APR 06	1.60 ON AUG 14	1 100 000	1985
1986	375 AT 21:00 EST ON SEP 12	347 ON SEP 13	2.62 ON AUG 21	1 090 000	1986
1987	156 AT 21:53 EST ON MAR 24	155 ON MAR 24	2.18 ON JUN 21	640 000	1987
1988	269 AT 02:11 EST ON MAR 27	263 ON MAR 26	0.960E ON JUL 28	663 000	1988
1989	207 AT 08:51 EST ON MAR 29	205 ON MAR 29	1.17 ON AUG 26	511 000	1989
1990	---	315E ON DEC 30	1.38 ON AUG 26	920 000	1990
				707 000	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

MAITLAND RIVER NEAR DONNYBROOK - STATION NO. 02FE004

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1945	---	---	---	---	---	---	---	---	---	31.3	22.0	---	---	1945
1946	---	---	89.8	11.1	7.46	5.07	2.90	1.16	1.11	1.27	3.36	4.42	---	1946
1947	---	---	---	186	51.0	55.6	13.8	6.60	2.99	1.48	4.64	22.4	---	1947
1948	11.3	17.3	166	40.1	21.9	3.99	3.35	2.16	0.829	1.92	5.68	4.79	23.4	1948
1949	23.4	36.8	75.5	23.0	5.45	2.23	3.61	1.00	1.44	7.28	7.68	77.2	22.1	1949
1950	66.2	13.0	76.3	100	9.09	9.55	10.2	2.77	2.39	3.77	19.0	48.6	30.2	1950
1951	57.6	44.6	83.2	90.9	15.7	7.97	7.06	2.96	3.42	17.3	47.2	25.1	33.5	1951
1952	54.9	25.8	60.4	74.7	17.2	3.81	2.09	2.35	1.78	1.17	4.09	10.0	22.2	1952
1953	25.6	17.9	72.2	19.6	41.9	25.6	4.95	1.51	2.61	2.41	2.62	11.2	19.1	1953
1954	12.1	80.9	94.7	67.2	12.3	4.25	2.04	1.62	3.20	79.1	21.4	26.8	33.4	1954
1955	32.8	17.6	81.5	70.6	14.1	7.37	1.53	0.946	0.630	2.93	10.1	16.0	21.4	1955
1956	8.43	6.16	55.5	98.9	66.5	9.76	10.4	3.86	10.3	6.77	6.78	33.3	26.4	1956
1957	29.1	35.8	58.8	37.1	14.4	12.8	28.2	1.52	5.76	6.76	31.1	56.4	25.6	1957
1958	13.1	7.25	36.1	26.3	5.97	2.02	1.42	0.557	2.62	1.33	8.77	3.97	9.12	1958
1959	13.0	15.0	69.8	141	29.9	6.24	3.80	2.67	5.64	11.3	45.2	35.0	31.5	1959
1960	21.3	15.8	12.9	134	55.4	16.6	3.82	1.69	1.11	1.21	4.56	3.67	22.6	1960
1961	2.72	15.0	48.3	26.3	25.7	8.56	4.39	2.92	2.54	1.94	7.45	17.8	13.7	1961
1962	5.67	6.47	65.8	48.7	9.21	3.21	1.38	1.28	1.61	2.83	7.18	22.1	14.7	1962
1963	7.71	4.85	74.5	35.0	20.4	4.07	1.72	0.71	1.24	1.33	4.71	3.44	13.5	1963
1964	19.8	16.0	47.2	31.6	8.62	2.76	2.19	10.2	3.71	4.41	5.23	30.5	15.2	1964
1965	22.5	58.4	47.9	91.3	23.3	3.89	2.48	3.52	3.43	37.2	31.0	62.4	32.0	1965
1966	27.2	36.6	63.0	37.8	17.9	17.5	5.97	1.86	2.32	3.24	12.1	48.8	22.5	1966
1967	36.2	22.4	52.9	88.3	14.7	25.0	15.9	4.51	3.63	26.3	60.8	56.9	33.8	1967
1968	17.5	76.1	64.4	29.8	13.8	6.30	3.47	14.0	9.09	16.9	31.0	40.7	26.7	1968
1969	43.6	41.1	54.2	104	48.5	10.8	4.98	2.30	1.46	3.76	17.2	12.2	28.6	1969
1970	1.79	12.2	19.2	97.1	17.9	4.75	6.87	3.28	3.89	8.64	13.9	28.5	18.7	1970
1971	13.5	15.3	47.6	103	10.8	7.46	3.42	2.78	2.74	2.21	2.83	14.0	18.7	1971
1972	7.1	11.9	37.6	112	14.4	12.8	8.53	2.91	2.05	8.32	15.6	34.9	21.1	1972
1973	64.5	22.3	80.5	29.6	22.7	10.2	3.77	2.97	1.60	2.18	11.0	17.2	22.5	1973
1974	45.0	23.3	69.0	64.4	56.8	8.87	3.58	1.76	1.45	2.56	11.5	7.53	24.7	1974
1975	26.9	26.2	62.1	106	18.6	9.34	3.55	39.2	25.8	13.0	17.9	47.8	33.0	1975
1976	22.8	62.5	164	42.9	28.6	5.21	9.76	3.37	5.62	8.10	14.6	11.9	31.6	1976
1977	7.49	4.23	135	31.0	5.88	3.12	2.65	16.6	22.7	42.3	35.0	33.9	28.8	1977
1978	14.8	12.8	29.6	123	18.1	8.42	5.87	2.20	7.29	12.5	10.6	14.0	21.1	1978
1979	20.6	8.45	129	97.2	20.3	6.02	3.53	2.63	1.62	7.40	31.2	52.7	31.9	1979
1980	17.7	8.32	72.4	69.8	15.9	7.88	4.19	3.68	6.23	13.9	11.9	27.8	21.7	1980
1981	9.26	110	34.1	22.3	19.7	7.49	3.29	3.61	14.4	34.9	22.8	17.9	24.3	1981
1982	12.7	5.49	61.6	119	9.13	16.9	5.29	5.12	5.91	6.75	41.1	73.0	30.2	1982
1983	20.8	27.2	25.3	31.8	39.9	13.0	3.24	4.00	11.1	13.8	21.1	35.2	20.5	1983
1984	12.9	110	51.3	33.4	10.5	17.9	5.25	2.60	5.76	4.44	28.5	46.7	27.1	1984
1985	22.7	56.2	132	101	15.0	8.14	4.49	8.21	14.9	21.7	44.1	25.2	37.6	1985
1986	32.3	14.1	106	30.7	19.4	11.3	5.83	8.98	85.8	74.1	19.6	25.5	36.3	1986
1987	15.0	9.19	69.2	38.2	6.51	5.67	---	---	---	---	---	---	---	1987
MEAN	23.4	28.8	70.2	68.3	21.4	9.99	5.00	4.62	7.16	13.1	18.4	29.1	24.9	MEAN

LOCATION - LAT 43 49 30 N LONG 081 29 26 W

DRAINAGE AREA, 1 760 km²

REGULATED

REMARKS - STATION DISCONTINUED JUL 27 1987

MAITLAND RIVER NEAR DONNYBROOK - STATION NO. 02FE004

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1945	---	---	---	---	1945
1946	---	408 ON MAR 08	0.425 ON AUG 08	---	1946
1947	---	682 ON APR 27	---	---	1947
1948	---	881 ON MAR 20 *	0.396 ON SEP 28	739 000	1948
1949	---	408 ON MAR 23	0.566 ON AUG 22	696 000	1949
1950	---	561 ON APR 05	0.765 ON AUG 24	952 000	1950
1951	---	309 ON JAN 06	1.27 ON AUG 26	1 060 000	1951
1952	---	226 ON APR 05	0.566 ON OCT 11	702 000	1952
1953	---	168 ON MAY 24	0.765 ON AUG 31	602 000	1953
1954	---	538 ON OCT 27	0.396 ON JUL 13	1 050 000	1954
1955	---	270 ON MAR 12	0.057 ON JUL 30 *	674 000	1955
1956	---	379 ON APR 05	0.765 ON AUG 27	836 000	1956
1957	---	262 ON DEC 22	0.396 ON AUG 27	808 000	1957
1958	---	118 ON MAR 30	0.057 ON AUG 15	288 000	1958
1959	---	453 ON APR 04	0.765 ON JUL 17	993 000	1959
1960	---	626 ON APR 04	0.385 ON SEP 05	714 000	1960
1961	---	98.8 ON MAR 07	0.850 ON SEP 24	431 000	1961
1962	---	394 ON MAR 30	0.782 ON JUL 15	463 000	1962
1963	---	479 ON MAR 28	0.920 ON SEP 15	425 000	1963
1964	---	144 ON MAR 06	0.934 ON JUL 06	482 000	1964
1965	---	270 ON APR 12	1.03 ON AUG 05	1 010 000	1965
1966	---	265 ON DEC 06	0.889 ON JUL 31	708 000	1966
1967	433 AT 06:00 EST ON MAR 31	405 ON MAR 31	1.44 ON SEP 20	1 070 000	1967
1968	640 AT 00:30 EST ON FEB 03	524 ON FEB 03	1.63 ON AUG 04	845 000	1968
1969	456 AT 21:40 EST ON APR 05	377 ON APR 06	1.29 ON SEP 11	901 000	1969
1970	286 AT 02:46 EST ON APR 11	265 ON APR 10	1.81 ON AUG 17	589 000	1970
1971	257 AT 17:00 EST ON APR 10	251 ON APR 10	1.22 ON OCT 31	590 000	1971
1972	413 AT 19:32 EST ON APR 15	396 ON APR 15	1.48 ON SEP 23	731 000	1972
1973	248 AT 08:14 EST ON JAN 01	236 ON JAN 01	1.21 ON SEP 15	709 000	1973
1974	416 AT 01:54 EST ON MAY 18	354 ON MAY 18	1.06 ON AUG 25	779 000	1974
1975	816 AT 22:40 EST ON APR 19 *	643 ON APR 20	1.91 ON AUG 21	1 040 000	1975
1976	694 AT 22:29 EST ON MAR 21	558 ON MAR 21	2.20 ON AUG 26	999 000	1976
1977	773 AT 08:30 EST ON MAR 14	719 ON MAR 14	0.980 ON JUL 28	908 000	1977
1978	323 AT 11:21 EST ON APR 12	314 ON APR 12	1.66 ON SEP 07	667 000	1978
1979	546 AT 23:22 EST ON APR 14	464 ON APR 15	1.28 ON SEP 09	1 010 000	1979
1980	336 AT 15:48 EST ON MAR 22	325 ON MAR 22	1.68 ON AUG 27	686 000	1980
1981	541 AT 23:50 EST ON FEB 23	515 ON FEB 24	1.86 ON AUG 26	768 000	1981
1982	571 AT 11:15 EST ON APR 01	531 ON APR 01	2.91 ON AUG 22	953 000	1982
1983	122 AT 02:00 EST ON DEC 14	118 ON DEC 14	2.09 ON JUL 30	647 000	1983
1984	359 AT 20:00 EST ON FEB 15	313 ON FEB 16	1.68 ON AUG 27	856 000	1984
1985	521 AT 15:15 EST ON APR 06	486 ON APR 06	2.04 ON AUG 14	1 190 000	1985
1986	326 AT 06:39 EST ON MAR 20	310 ON MAR 20	3.23 ON AUG 22	1 150 000	1986
1987	162 AT 23:08 EST ON MAR 24	159 ON MAR 24	2.74 ON JUN 20	---	1987
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		788 000	MEAN

MAITLAND RIVER NEAR HARRISTON - STATION NO. 02FE011

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1981	---	---	---	---	---	---	---	0.287	1.01	1.92	1.27	0.820	---	1981
1982	0.549	0.217	3.24	6.95	0.413	0.952	0.205	0.170	0.269	0.275	2.87	4.97	1.76	1982
1983	0.979	1.48	2.05	2.11	2.39	0.542	0.210	0.120	0.278	0.619	1.11	1.64	1.13	1983
1984	0.650	7.51	2.76	1.86	0.657	0.852	0.286	0.103	0.165	0.175	1.43	3.85	1.67	1984
1985	0.916	3.76	7.15	5.72	0.956	0.545	0.197	0.130	0.562	0.902	3.12	1.37	2.09	1985
1986	1.00	0.674	7.99	1.70	1.50	0.817	0.308	0.221	5.50	4.43	1.11	1.25	2.22	1986
1987	0.899	0.450	3.78	2.13	0.280	0.303	0.448	0.161	0.115	0.373	1.92	2.30	1.10	1987
1988	1.27	1.92	4.14	1.82	0.960	0.180	0.059	0.068	0.047	0.623	1.89	1.20	1.18	1988
1989	1.52	0.599	4.30	2.27	0.787	0.362	0.051	0.159	0.216	0.385	2.56	0.393	1.14	1989
1990	2.48	2.31	5.15	1.43	0.804	0.489	0.207	0.091	0.086	2.10	3.57	3.49	1.85	1990
MEAN	1.14	2.10	4.51	2.89	0.972	0.560	0.219	0.151	0.825	1.18	2.09	2.13	1.57	MEAN

LOCATION - LAT 43 54 12 N
LONG 080 53 33 W

DRAINAGE AREA, 112 km^2
NATURAL FLOW

MAITLAND RIVER NEAR HARRISTON - STATION NO. 02FE011

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1981	---	---	0.055 ON AUG 27	---	1981
1982	57.3 AT 20:16 EST ON MAR 31 *	45.0 ON MAR 31 *	0.088 ON AUG 18	55 400	1982
1983	0.29 AT 00:36 EST ON APR 11	5.89 ON APR 15	0.046 ON SEP 14	35 500	1983
1984	45.9 AT 21:06 EST ON DEC 29	40.3 ON FEB 15	0.078 ON AUG 21	52 700	1984
1985	44.8 AT 03:19 EST ON APR 06	37.7 ON APR 06	0.031 ON AUG 11	66 000	1985
1986	39.8 AT 03:53 EST ON MAR 20	35.0 A ON MAR 19	0.090 ON AUG 22	70 000	1986
1987	13.4 AT 02:56 EST ON APR 06	11.1 ON APR 06	0.044 ON SEP 16	34 700	1987
1988	25.1 AT 22:43 EST ON MAR 25	20.9 ON MAR 26	0.029 ON JUL 10	37 300	1988
1989	30.5 AT 09:28 EST ON MAR 15	24.0 ON MAR 15	0.014 ON JUL 30 *	35 800	1989
1990	36.3 AT 02:52 EST ON MAR 13	33.2 ON MAR 13	0.048 ON AUG 26	58 400	1990
				49 500	MEAN

A - MANUAL GAUGE
(SEE REFERENCE INDEX)

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

MAJOR CREEK ABOVE GREEN RIVER - STATION NO. 02HC037

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1974	---	---	---	---	---	---	0.023	0	0	0.003	0.018	0.016	---	1974
1975	0.036	0.096	0.083	0.093	0.044	0.007	0	0.001	0.002	0.002	0.009	0.024	0.033	1975
1976	0.017	0.081	0.175	0.062	0.051	0.009	---	---	---	---	---	---	---	1976
MEAN	0.027	0.089	0.129	0.078	0.048	0.008	0.012	0.001	0.001	0.003	0.014	0.020	0.033	MEAN

LOCATION - LAT 43 54 20 N LONG 079 11 27 W DRAINAGE AREA, 4.92 km² NATURAL FLOW

MAJOR CREEK ABOVE GREEN RIVER - STATION NO. 02HC037

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1974	---	---	0 ON JUL 14 *	---	1974
1975	2.17 AT 19:19 EST ON FEB 24	1.29 ON FEB 24 *	0 ON JUN 26	1 030	1975
1976	3.20 AT 16:01 EST ON MAR 20 *	1.10 ON MAR 20	0.003 ON JUN 08	---	1976
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		1 030	MEAN

MANITOU RIVER ABOVE DEVIL'S CASCADE - STATION NO. 05PB003

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1914	---	---	---	---	---	---	---	7.34	6.01	6.35	5.98	5.52	---	1914
1915	5.23	5.23	5.20	5.44	7.19	7.89	9.23	7.47	6.03	5.74	---	---	---	1915
MEAN	5.23	5.23	5.20	5.44	7.19	7.89	9.23	7.41	6.02	6.05	5.98	5.52	---	MEAN

LOCATION - LAT 48 58 30 N LONG 093 20 30 W DRAINAGE AREA, 1 360 km² REGULATED

MANITOU RIVER ABOVE DEVIL'S CASCADE - STATION NO. 05PB003

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1914	---	---	---	---	1914
1915	---	9.97 ON JUN 30 *	---	---	1915
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		---	MEAN

MARIPOSA BROOK NEAR LITTLE BRITAIN - STATION NO. 02HG001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1982	---	---	---	---	---	---	---	---	---	1.27	4.91	6.32	---	1982
1983	1.49	2.30	3.47	3.00	3.05	0.453	0.111	0.122	0.079	0.219	1.00	0.941	1.35	1983
1984	0.386	6.61	5.24	5.40	1.87	0.289	0.247	0.114	0.261	0.348	0.695	0.916	1.84	1984
1985	1.01	3.00	8.09	4.56	0.910	0.419	0.496	0.329	0.978	1.06	5.14	1.54	2.28	1985
1986	1.29	0.848	9.57	2.91	1.87	2.06	0.405	0.476	3.61	3.26	1.08	2.17	2.39	1986
1987	0.766	0.418	6.18	4.58	0.630	0.252	0.500	0.032	0.014	0.120	0.670	2.43	1.39	1987
1988	1.06	1.35	2.83	2.07	1.24	0.133	0.055	0.044	0.069	0.319	1.42	0.668	1.00	1988
1989	0.986	0.894	4.38	3.15	2.91	1.28	0.174	0.051	0.077	0.268	1.85	0.475	1.38	1989
1990	1.17	2.31	7.99	4.39	1.83	0.764	0.168	0.073	0.062	0.780	1.26	2.62	1.95	1990
MEAN	1.02	2.22	5.97	3.86	1.79	0.706	0.270	0.155	0.644	0.849	2.00	1.90	1.70	MEAN

LOCATION - LAT 44 17 20 N LONG 078 50 30 W DRAINAGE AREA, 189 km² NATURAL FLOW

REMARKS - GAUGE OPERATIONAL FROM SEP 08 1982

MARIPOSA BROOK NEAR LITTLE BRITAIN - STATION NO. 02HG001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1982	---	---	---	---	1982
1983	8.86 AT 04:46 EST ON MAY 03	7.88 ON MAR 20	0.068 ON SEP 13	42 500	1983
1984	18.5 B AT 06:27 EST ON FEB 20	17.6 B ON FEB 20	0.069 ON AUG 17	58 200	1984
1985	---	19.0 B ON FEB 25	0.074E ON AUG 05	72 000	1985
1986	---	31.1 B ON MAR 20	0.163 ON JUL 25	75 400	1986
1987	19.8 AT 09:47 EST ON APR 05	16.2 ON APR 05	0 ON SEP 02 *	43 900	1987
1988	13.5 AT 02:51 EST ON MAR 27	12.0 ON MAR 27	0.020 ON AUG 22	31 700	1988
1989	---	20.3 B ON MAR 28	0.024 ON SEP 21	43 400	1989
1990	68.1 B AT 09:52 EST ON MAR 12 *	52.3 B ON MAR 13 *	0.023 ON AUG 04	61 600	1990
	B - ICE CONDITIONS E - ESTIMATED	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		53 600	MEAN

MARTEN RIVER AT WICKSTEED LAKE DAM - STATION NO. 02DC009

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1947	---	---	---	---	---	---	---	---	---	1.27	0.423	1.98	---	1947
1948	2.12	---	---	---	---	---	---	---	---	1.94	0	1.00	---	1948
1949	5.33	4.55	2.35	25.8	3.71	5.01	3.07	1.41	1.42	1.99	1.30	5.36	5.08	1949
1950	4.01	0.829	0.570	5.69	12.1	0	0	0	0.917	4.46	3.96	0	2.73	1950
1951	3.51	0.623	0.878	11.2	6.09	0.045	0.201	0	0	11.2	11.8	4.49	4.18	1951
1952	2.27	11.9	3.76	20.7	8.02	2.93	0	0.293	2.90	2.68	1.57	6.09	5.28	1952
1953	2.96	1.48	17.0	17.4	2.56	6.20	0.068	2.21	2.36	3.50	0.983	1.52	4.54	1953
1954	1.30	0.963	2.90	---	8.49	9.41	3.52	0.105	0.326	11.6	3.51	4.56	---	1954
1955	2.44	8.57	2.70	14.5	0.064	0.106	1.29	9.91	0	1.76	10.6	1.18	4.37	1955
1956	3.35	6.34	1.79	1.37	15.4	4.51	0.509	0.848	3.07	7.46	2.55	3.69	4.22	1956
1957	7.00	2.51	3.16	9.00	2.17	2.71	10.8	0.287	3.34	3.75	12.4	3.45	5.05	1957
1958	5.41	4.23	8.92	3.72	0.202	1.84	4.31	3.07	2.11	5.07	1.95	1.24	3.66	1958
1959	4.04	4.64	1.99	3.33	11.7	2.59	0.988	3.58	4.96	1.41	6.51	4.58	4.19	1959
1960	3.19	7.05	2.68	12.1	16.3	0.123	6.12	5.26	1.78	2.67	10.0	4.01	5.94	1960
1961	9.32	2.60	1.19	1.79	8.76	6.68	1.41	0.227	2.14	4.50	0.910	0.826	3.17	1961
1962	5.54	1.39	1.16	7.50	16.1	0	0.292	2.57	1.90	0.575	2.76	0.850	3.41	1962
1963	0.481	0.481	0.481	14.7	2.94	3.00	0.464	3.25	3.15	6.25	1.41	0.623	3.10	1963
1964	0.623	0.623	0.623	4.99	6.97	5.92	3.40	3.32	2.93	4.92	5.16	7.15	3.89	1964
1965	4.13	1.39	0.963	2.06	14.9	0.358	0.687	2.67	11.3	9.74	6.69	5.52	5.06	1965
1966	7.44	5.89	2.25	3.42	4.94	4.59	1.65	1.18	1.68	2.33	6.46	12.5	4.51	1966
1967	5.73	6.17	1.38	12.0	16.8	6.59	1.46	1.60	8.36	3.91	13.9	2.32	6.65	1967
1968	3.11	4.44	1.31	7.83	12.6	0.477	0.807	1.48	1.95	0.408	7.91	3.65	3.82	1968
1969	3.20	1.54	1.36	10.8	8.02	4.07	0.324	0	0	1.70	6.30	6.11	3.62	1969
1970	8.36	2.95	1.36	5.80	23.5	5.83	15.6	2.29	0.260	5.03	4.25	3.06	6.58	1970
1971	6.06	2.58	1.50	4.86	5.40	0.627	0	0.988	0.982	0.086	0	3.47	2.28	1971
1972	9.19	6.56	1.54	2.31	12.5	1.60	4.80	10.0	5.91	0.838	1.86	7.18	5.38	1972
1973	2.82	1.46	1.45	6.36	9.00	2.77	1.49	0.130	0	3.54	9.89	5.20	3.68	1973
1974	1.60	1.36	0.811	3.03	13.9	4.45	2.18	3.08	2.56	0.530	9.35	4.38	3.95	1974
1975	3.94	6.53	1.36	0.852	9.33	0.081	0.024	0	0	0	0.393	8.18	2.55	1975
1976	7.06	1.82	3.32	6.26	9.90	2.23	0.452	0	---	---	---	---	---	1976
MEAN	4.36	3.62	2.53	8.12	9.37	2.81	2.32	2.13	2.49	3.61	4.99	4.03	4.27	MEAN

LOCATION - LAT 46 42 43 N LONG 079 44 13 W

DRAINAGE AREA, 298 km² REGULATED

DATA CONTRIBUTED BY - ONTARIO HYDRO

MARTEN RIVER AT WICKSTEED LAKE DAM - STATION NO. 02DC009

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1947	---	---	---	---	1947
1948	---	---	---	---	1948
1949	---	40.8 ON APR 24	0 ON MAY 06 *	160 000	1949
1950	---	21.5 ON MAY 10	0 ON MAY 24	86 000	1950
1951	---	27.3 ON APR 24	0 ON JAN 01	112 000	1951
1952	---	40.4 ON APR 24 *	0 ON JUN 17	167 000	1952
1953	---	42.8 ON MAR 30	0 ON MAY 02	143 000	1953
1954	---	---	---	---	1954
1955	---	32.3 ON APR 19	0 ON APR 28	136 000	1955
1956	---	28.0 ON MAY 18	0 ON APR 12	134 000	1956
1957	---	32.3 ON APR 29	0.113 ON MAY 08	159 000	1957
1958	---	16.7 ON MAR 12	0 ON APR 18	115 000	1958
1959	---	21.7 ON MAY 08	0 ON APR 15	132 000	1959
1960	---	32.0 ON APR 26	0 ON JUN 14	188 000	1960
1961	---	18.5 ON MAY 10	0 ON APR 20	106 000	1961
1962	---	43.6 ON MAY 06	0 ON MAY 23	107 000	1962
1963	---	34.0 ON APR 21	0 ON JUL 30	97 700	1963
1964	---	19.5 ON APR 27	0.057 ON DEC 30	123 000	1964
1965	---	14.8 ON SEP 25	0 ON JUN 26	159 000	1965
1966	---	24.7 ON NOV 29	0 ON APR 20	142 000	1966
1967	---	30.6 ON NOV 04	0 ON DEC 01	210 000	1967
1968	---	21.6 ON MAY 02	0 ON APR 04	121 000	1968
1969	---	21.7 ON APR 30	0 ON JUL 21	114 000	1969
1970	---	38.2 ON MAY 08	0 ON MAY 28	207 000	1970
1971	---	21.7 ON MAY 03	0 ON JUN 25	72 000	1971
1972	---	24.8 ON MAY 08	0.057 ON JUN 14	170 000	1972
1973	---	18.5 ON MAY 05	0 ON MAY 31	116 000	1973
1974	---	27.1 ON MAY 03	0 ON APR 18	125 000	1974
1975	---	26.3 ON MAY 07	0 ON APR 25	80 400	1975
1976	---	---	---	---	1976
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		135 000	MEAN

MATABITCHUAN RIVER AT RABBIT LAKE DAM - STATION NO. 02JE021

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1946	---	---	---	---	---	---	---	---	---	8.33	4.48	3.88	---	1946
1947	8.10	10.9	20.3	11.0	49.2	37.5	5.93	7.30	8.85	3.78	6.79	7.68	14.8	1947
1948	11.8	8.37	9.24	2.41	3.99	10.0	8.26	9.49	10.7	6.85	3.34	4.14	7.36	1948
1949	5.38	7.64	10.3	5.77	14.0	16.7	11.9	10.5	7.91	6.99	6.69	5.78	9.15	1949
1950	7.44	8.92	13.4	7.15	0.561	3.13	5.71	5.37	5.65	5.50	4.20	2.03	5.74	1950
1951	11.9	12.9	20.7	6.65	19.9	0.849	7.29	3.35	2.93	20.0	24.4	14.6	12.8	1951
1952	12.6	14.3	16.0	2.37	23.2	8.12	0.491	6.20	9.05	6.25	7.28	4.95	9.24	1952
1953	13.5	13.8	20.6	14.0	4.92	5.44	2.94	1.27	0.689	0.896	6.76	0	6.86	1953
1954	7.53	9.61	15.1	10.3	10.1	27.8	9.01	5.10	9.93	22.5	15.3	17.7	13.3	1954
1955	14.1	12.0	23.7	0	0.080	3.98	2.43	1.93	2.96	14.9	24.3	10.3	9.21	1955
1956	15.4	21.8	15.8	0	8.65	14.9	13.1	6.95	6.38	18.2	11.2	13.6	12.2	1956
1957	14.6	14.7	13.7	6.59	14.2	7.71	22.6	7.41	6.77	11.1	15.1	20.7	13.0	1957
1958	15.0	16.1	12.8	1.16	2.09	7.28	7.64	7.60	3.05	3.99	11.8	8.46	8.05	1958
1959	11.2	16.0	29.9	5.37	12.2	13.1	9.19	6.47	5.62	12.4	11.2	14.7	12.3	1959
1960	15.4	18.2	33.2	9.68	37.5	9.02	20.7	5.57	11.4	13.6	10.1	11.6	16.4	1960
1961	15.6	16.1	15.3	2.35	0.914	10.8	14.5	3.85	10.6	9.26	14.2	13.3	10.5	1961
1962	15.2	16.9	24.3	1.09	8.33	7.95	10.1	0.530	1.65	5.79	6.29	4.90	8.57	1962
1963	10.1	10.5	6.75	0	0	9.29	0	0.137	6.27	9.37	5.09	6.59	5.30	1963
1964	10.2	13.6	13.9	7.21	3.76	11.5	3.52	2.67	1.55	5.82	13.0	10.2	8.05	1964
1965	13.9	15.1	13.5	5.69	0.107	9.06	6.29	0.717	14.7	16.4	12.9	10.7	9.88	1965
1966	11.1	11.7	12.7	8.42	11.7	14.1	7.28	0.036	3.56	3.98	9.51	15.2	9.08	1966
1967	9.61	14.3	23.0	9.92	17.4	18.2	8.81	7.34	4.75	2.12	1.89	10.5	10.6	1967
1968	12.6	13.9	13.2	0.171	3.68	7.30	9.03	7.04	5.45	9.46	8.06	8.00	8.07	1968
1969	7.43	4.52	3.68	1.42	1.26	3.46	3.53	6.22	4.37	4.76	4.69	6.32	4.31	1969
1970	8.75	13.2	15.5	3.72	9.85	22.3	8.19	2.47	4.79	12.0	13.1	15.1	10.7	1970
1971	11.3	16.4	16.7	10.3	2.25	10.2	5.56	7.80	2.43	0.446	0.509	2.43	7.29	1971
1972	7.06	9.21	9.78	6.09	7.41	3.13	0.874	5.09	5.37	0	0	4.41	4.86	1972
1973	4.81	4.97	11.2	2.34	14.3	4.25	1.40	0	0	3.27	1.70	0.091	4.04	1973
1974	6.06	8.06	22.4	0.504	11.3	23.7	11.4	10.8	8.15	4.84	17.2	12.8	11.4	1974
1975	14.7	19.9	21.4	7.28	3.28	7.90	3.43	2.37	5.03	8.91	5.66	8.91	9.00	1975
1976	9.34	18.2	24.0	3.40	16.4	2.46	0.740	0	1.80	3.14	4.36	2.36	7.15	1976
1977	14.6	17.5	8.01	6.01	8.55	3.70	3.90	7.54	8.15	9.61	10.2	14.8	9.33	1977
1978	20.4	20.0	17.2	2.58	0.260	5.79	5.03	4.31	12.7	15.3	11.4	12.6	10.6	1978
1979	17.9	24.5	16.3	5.00	27.8	17.1	6.17	9.28	9.61	5.97	7.85	21.5	14.0	1979
1980	13.4	20.8	16.3	6.59	16.8	5.61	4.58	3.05	6.62	10.2	9.76	12.7	10.5	1980
1981	14.3	21.2	16.0	21.9	5.53	11.1	12.9	5.46	9.75	10.4	11.8	14.5	12.7	1981
1982	19.5	22.3	19.6	5.12	0.010	2.19	2.98	1.99	7.07	10.8	13.0	15.7	9.96	1982
1983	15.4	24.6	4.48	0.003	19.7	6.99	2.30	2.80	3.49	8.03	1.24	7.73	8.22	1983
1984	13.9	20.8	19.1	0	11.4	23.1	10.5	11.2	10.9	7.10	14.8	23.4	13.8	1984
1985	17.0	21.8	15.3	1.06	28.8	2.20	2.37	7.27	7.03	4.10	5.22	9.65	10.1	1985
1986	11.6	20.2	12.3	0	13.7	11.1	4.50	3.57	7.09	11.0	12.0	12.7	9.98	1986
1987	14.3	18.6	12.8	0	0	0	0	0.016	0	0	5.04	9.80	4.98	1987
1988	14.2	13.4	11.9	6.54	19.4	3.32	1.53	1.23	7.32	12.4	25.4	18.7	11.4	1988
1989	15.6	20.5	11.7	0	13.8	20.8	1.22	1.45	3.98	0.558	9.95	5.74	8.68	1989
1990	10.2	21.1	11.3	0.170	17.7	4.75	8.12	3.19	0.020	9.97	12.7	25.5	10.4	1990
MEAN	12.4	15.4	15.8	5.16	11.3	10.3	6.54	4.63	5.98	8.47	9.59	10.6	9.68	MEAN

LOCATION - LAT 47 01 44 N LONG 079 35 14 W

DRAINAGE AREA, 749 km²

REGULATED

MATABITCHUAN RIVER AT RABBIT LAKE DAM - STATION NO. 02JE021

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1946	---	---	---	---	1946
1947	---	71.9 ON MAY 10	0 ON APR 13 *	467 000	1947
1948	---	18.5 ON MAY 28	0 ON APR 11	233 000	1948
1949	---	41.6 ON JUN 28	0 ON APR 08	288 000	1949
1950	---	18.2 ON MAR 10	0 ON APR 21	181 000	1950
1951	---	66.8 ON MAY 02	0 ON APR 04	405 000	1951
1952	---	33.7 ON MAY 02	0 ON APR 04	292 000	1952
1953	---	44.2 ON APR 14	0 ON MAY 13	279 000	1953
1954	---	67.7 ON OCT 18	0 ON JAN 01	421 000	1954
1955	---	46.2 ON NOV 01	0 ON MAR 24	291 000	1955
1956	---	43.0 ON MAY 29	0 ON MAR 23	384 000	1956
1957	---	79.6 ON JUL 01	0 ON MAR 29	408 000	1957
1958	---	32.3 ON NOV 04	0 ON APR 23	254 000	1958
1959	---	35.1 ON MAR 18	0 ON APR 09	388 000	1959
1960	---	78.7 ON MAY 13	0 ON APR 19	519 000	1960
1961	---	20.0 ON MAR 22	0 ON APR 08	332 000	1961
1962	---	32.3 ON MAR 15	0 ON APR 03	270 000	1962
1963	---	25.2 ON JUN 20	0 ON MAR 24	167 000	1963
1964	---	32.0 ON JUN 15	0 ON APR 21	254 000	1964
1965	---	60.3 ON SEP 24	0 ON APR 14	311 000	1965
1966	---	35.1 ON JUN 11	0 ON APR 13	286 000	1966
1967	---	49.3 ON JUN 17	0 ON APR 19	336 000	1967
1968	---	20.4 ON MAR 15	0 ON MAR 28	255 000	1968
1969	---	25.9 ON SEP 23	0 ON JAN 18	136 000	1969
1970	---	106 ON JUN 03 *	0 ON APR 24	338 000	1970
1971	---	24.6 ON JUN 28	0 ON APR 28	230 000	1971
1972	---	33.7 ON MAY 25	0 ON APR 21	154 000	1972
1973	---	39.9 ON MAY 11	0 ON APR 06	127 000	1973
1974	---	40.2 ON MAR 12	0 ON APR 19	361 000	1974
1975	---	28.3 ON APR 02	0 ON APR 11	284 000	1975
1976	---	39.9 ON MAY 22	0 ON APR 07	226 000	1976
1977	---	37.4 ON APR 29	0 ON MAR 16	294 000	1977
1978	---	28.6 ON FEB 08	0 ON APR 27	334 000	1978
1979	---	88.3 ON MAY 01	0 ON APR 04	443 000	1979
1980	---	36.5 ON MAY 07	0 ON APR 10	332 000	1980
1981	---	44.0 ON APR 21	0 ON APR 03	399 000	1981
1982	---	32.2 ON FEB 10	0 ON APR 15	314 000	1982
1983	---	67.8 ON MAY 06	0 ON MAR 17	259 000	1983
1984	---	57.0 ON MAY 30	0 ON MAR 30	437 000	1984
1985	---	55.3 ON MAY 04	0 ON APR 04	319 000	1985
1986	---	35.0 ON JAN 31	0 ON MAR 27	315 000	1986
1987	---	31.1 ON MAR 07	0 ON MAR 25	157 000	1987
1988	---	33.0 ON NOV 23	0 ON MAR 30	361 000	1988
1989	---	36.9 ON MAY 25	0 ON MAR 30	274 000	1989
1990	---	45.2 ON DEC 06	0 ON MAR 21	327 000	1990
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		306 000	MEAN

MATTAGAMI RIVER AT LITTLE LONG RAPIDS - STATION NO. 04LG003

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1963	---	---	---	---	---	---	---	---	---	193	197	222	---	1963
1964	175	185	193	867	1 620	930	455	266	312	635	453	217	526	1964
1965	188	190	184	256	1 830	379	224	268	498	740	336	230	447	1965
1966	193	224	211	675	1 430	729	245	245	230	880	446	406	495	1966
1967	227	242	196	1 310	2 090	728	315	301	144	187	258	170	515	1967
1968	162	149	191	1 160	668	687	807	296	388	537	325	205	481	1968
1969	190	193	204	757	1 490	581	340	216	294	448	391	230	446	1969
1970	155	160	161	251	1 230	784	500	255	257	226	241	208	370	1970
1971	178	144	168	475	1 740	562	280	227	313	294	380	252	420	1971
1972	187	171	194	226	1 670	850	420	256	251	414	246	156	421	1972
1973	179	169	246	908	1 290	539	307	432	444	356	283	195	463	1973
1974	158	161	227	232	1 850	824	373	215	231	522	380	180	449	1974
1975	181	152	179	314	1 160	831	188	101	77.8	119	309	240	322	1975
1976	167	140	210	1 380	1 310	336	196	155	103	94.2	91.3	76.4	354	1976
1977	106	112	207	1 040	763	291	224	101	415	308	425	208	350	1977
1978	154	145	176	176	1 790	971	666	217	261	612	258	172	469	1978
1979	135	133	203	880	2 740	1 010	347	219	268	658	544	301	623	1979
1980	175	161	182	609	1 140	510	240	136	155	385	228	133	345	1980
1981	143	150	227	1 030	1 400	532	226	77.6	125	202	238	148	374	1981
1982	130	152	175	296	1 400	266	446	160	363	885	693	313	442	1982
1983	185	158	228	376	2 170	1 190	292	135	310	443	265	207	500	1983
1984	173	166	197	863	734	672	803	214	116	176	350	280	395	1984
1985	187	158	194	721	1 350	483	429	269	126	289	357	218	400	1985
1986	146	137	173	898	1 020	261	190	290	356	591	359	210	387	1986
1987	157	143	199	583	357	324	320	253	113	277	258	191	265	1987
1988	150	144	134	736	1 450	361	179	480	280	332	855	433	462	1988
1989	183	191	201	253	1 810	771	296	180	113	146	382	184	395	1989
1990	160	147	325	942	1 670	740	472	227	235	751	594	261	546	1990
MEAN	167	162	199	685	1 450	635	370	229	251	418	362	223	432	MEAN

LOCATION - LAT 50 00 15 N LONG 082 10 00 W DRAINAGE AREA, 34 700 km² REGULATED

MATTAGAMI RIVER AT LITTLE LONG RAPIDS - STATION NO. 04LG003

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1963	---	---	---	---	1963
1964	---	3 540 ON MAY 01	104 ON JAN 18	16 600 000	1964
1965	---	2 730 ON MAY 18	84.4 ON MAR 31	14 100 000	1965
1966	---	2 320 ON OCT 19	99.1 ON MAR 04	15 600 000	1966
1967	---	3 340 ON MAY 04	35.7 ON SEP 04	16 200 000	1967
1968	---	2 650 ON APR 20	44.2 ON FEB 04	15 200 000	1968
1969	---	2 470 ON MAY 09	27.9 ON DEC 25	14 100 000	1969
1970	---	2 420 ON MAY 03	9.63 ON JAN 01	11 700 000	1970
1971	---	2 340 ON MAY 14	32.3 ON JUL 18	13 200 000	1971
1972	---	2 340 ON MAY 03	64.6 ON APR 09	13 300 000	1972
1973	---	2 280 ON APR 23	75.0 ON DEC 25	14 600 000	1973
1974	---	2 170 ON MAY 15	0 ON APR 14 *	14 200 000	1974
1975	---	2 010 ON MAY 04	0 ON SEP 01	10 200 000	1975
1976	---	3 710 ON APR 24	0 ON SEP 06	11 200 000	1976
1977	---	2 920 ON APR 24	43.9 ON JAN 01	11 000 000	1977
1978	---	3 430 ON MAY 15	54.4 ON DEC 25	14 800 000	1978
1979	---	5 070 ON MAY 11 *	95.1 ON JAN 01	19 700 000	1979
1980	---	2 880 ON MAY 01	46.4 ON DEC 25	10 900 000	1980
1981	---	2 600 ON MAY 07	1.96 ON SEP 08	11 800 000	1981
1982	---	2 880 ON MAY 06	45.0 ON SEP 07	13 900 000	1982
1983	---	2 630 ON MAY 27	37.9 ON SEP 05	15 800 000	1983
1984	---	1 810 ON JUN 29	48.6 ON SEP 04	12 500 000	1984
1985	---	3 360 ON APR 27	35.2 ON DEC 25	12 600 000	1985
1986	---	2 140 ON APR 30	26.6 ON JAN 01	12 200 000	1986
1987	---	1 270 ON APR 20	13.5 ON JUL 01	8 360 000	1987
1988	---	2 530 ON MAY 03	52.3 ON MAR 09	14 600 000	1988
1989	---	2 550 ON MAY 23	59.2 ON OCT 21	12 400 000	1989
1990	---	3 570 ON APR 28	0 ON SEP 04	17 200 000	1990
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		13 600 000	MEAN

MATTAGAMI RIVER AT SMOKY FALLS - STATION NO. 04LG001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1926	---	---	---	---	---	---	---	---	---	---	---	---	---	1926
1927	182	136	169	956	1 680	569	292	219	179	314	376	312	---	1927
1928	134	108	117	313	2 650	1 280	799	438	978	1 220	306	186	454	1928
1929	177	117	137	589	1 320	966	407	237	388	529	773	299	762	1929
											605	194	474	
1930	130	127	139	249	1 760	902	662	207	148	243	208	144	412	1930
1931	117	104	110	473	1 060	368	233	124	125	299	575	120	327	1931
1932	200	169	170	284	1 260	595	337	272	424	501	487	206	384	1932
1933	158	164	136	683	1 610	506	197	162	142	132	171	99.8	347	1933
1934	83.9	116	105	115	1 820	661	239	164	414	297	434	339	401	1934
1935	143	131	147	432	1 230	648	392	318	227	538	252	141	385	1935
1936	112	109	116	183	2 230	742	218	101	116	198	175	112	369	1936
1937	93.4	105	119	416	1 350	363	435	459	231	483	435	261	399	1937
1938	128	133	178	1 180	1 540	1 120	397	460	202	143	196	154	487	1938
1939	147	132	123	210	2 250	767	444	221	320	392	253	128	452	1939
1940	125	124	116	180	1 500	952	439	172	268	233	329	201	388	1940
1941	136	138	149	832	1 390	488	286	356	862	1 070	629	502	572	1941
1942	254	171	180	927	1 250	307	198	135	422	659	403	180	425	1942
1943	128	118	114	243	1 120	934	436	210	152	135	225	130	330	1943
1944	105	120	122	265	1 260	419	164	260	439	459	254	156	336	1944
1945	125	119	271	931	647	745	397	183	204	236	384	185	369	1945
1946	140	137	288	777	1 070	676	318	159	245	182	396	301	392	1946
1947	161	138	150	188	2 210	1 680	436	226	157	111	99.6	82.7	472	1947
1948	78.0	77.5	81.9	594	1 000	297	270	368	221	164	350	266	315	1948
1949	151	151	151	606	1 360	475	207	122	154	191	171	116	323	1949
1950	106	115	118	185	2 170	1 270	649	186	145	235	320	250	483	1950
1951	157	148	173	1 430	1 210	434	354	202	162	574	636	384	489	1951
1952	163	173	173	770	1 130	738	481	269	179	202	303	329	411	1952
1953	179	168	208	592	1 840	683	322	141	162	288	237	352	450	1953
1954	172	168	177	713	1 690	626	389	232	195	806	567	219	499	1954
1955	161	147	146	920	715	358	117	82.0	72.6	319	284	151	289	1955
1956	133	127	140	433	1 500	871	400	216	336	215	141	134	371	1956
1957	124	126	144	797	1 020	480	607	141	205	226	564	270	394	1957
1958	175	155	168	588	524	564	353	207	426	435	489	216	358	1958
1959	149	135	144	287	1 330	431	138	170	224	408	389	188	334	1959
1960	156	146	156	547	2 870	623	227	256	167	208	341	228	496	1960
1961	144	122	137	535	1 340	825	792	354	861	710	471	325	555	1961
1962	197	188	180	308	1 730	591	286	334	773	251	174	178	426	1962
1963	134	130	145	411	950	709	285	194	219	---	---	---	---	1963
MEAN	145	135	151	539	1 480	687	364	231	307	382	362	223	420	MEAN

LOCATION - LAT 50 03 51 N LONG 082 09 20 W

DRAINAGE AREA, 34 700 km^2 REGULATED

DATA CONTRIBUTED BY - SPRUCE FALLS POWER AND PAPER COMPANY

MATTAGAMI RIVER AT SMOKY FALLS - STATION NO. 04LG001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1926	---	---	---	---	1926
1927	---	2 890 ON APR 22	118 B ON MAR 01	14 300 000	1927
1928	---	3 990 ON MAY 13	103 B ON FEB 16	24 100 000	1928
1929	---	2 190 ON MAY 25	102 ON DEC 29	14 900 000	1929
1930	---	2 920 ON MAY 07	61.7 ON SEP 13	13 000 000	1930
1931	---	1 600 ON MAY 11	6.46 ON SEP 05 *	10 300 000	1931
1932	---	1 950 ON MAY 11	65.4 ON AUG 21	12 200 000	1932
1933	---	2 170 ON MAY 15	49.6 ON OCT 08	11 000 000	1933
1934	---	2 860 ON MAY 12	32.6 ON AUG 25	12 700 000	1934
1935	---	1 820 ON APR 30	72.2 ON FEB 17	12 100 000	1935
1936	---	3 480 ON MAY 14	29.7 ON SEP 06	11 700 000	1936
1937	---	2 860 ON MAY 03	22.1 ON JAN 24	12 600 000	1937
1938	---	3 090 ON APR 29	44.7 ON OCT 23	15 400 000	1938
1939	---	3 880 ON MAY 10	29.4 ON AUG 19	14 300 000	1939
1940	---	1 880 ON MAY 07	45.9 ON AUG 18	12 300 000	1940
1941	---	2 720 ON MAY 06	79.9 ON FEB 02	16 000 000	1941
1942	---	2 660 ON APR 26	48.7 ON AUG 16	13 400 000	1942
1943	---	2 050 ON MAY 08	37.7 ON MAR 21	10 400 000	1943
1944	---	2 440 ON MAY 05	28.6 ON JAN 23	10 600 000	1944
1945	---	1 580 ON MAR 31	26.9 ON AUG 12	11 600 000	1945
1946	---	2 550 ON MAY 26	52.1 ON OCT 13	12 400 000	1946
1947	---	4 300 ON MAY 19 *	24.9 ON NOV 16	14 900 000	1947
1948	---	2 350 ON APR 29	24.7 ON OCT 03	9 960 000	1948
1949	---	2 480 ON MAY 04	17.0 ON AUG 28	10 200 000	1949
1950	---	3 680 ON MAY 29	46.4 ON JAN 08	15 200 000	1950
1951	---	2 520 ON MAY 01	64.8 ON AUG 19	15 400 000	1951
1952	---	2 220 ON APR 24	123 ON FEB 24	13 000 000	1952
1953	---	2 750 ON MAY 09	49.3 ON AUG 09	14 200 000	1953
1954	---	2 730 ON MAY 03	68.2 ON SEP 19	15 700 000	1954
1955	---	2 020 ON APR 20	21.2 ON AUG 14	9 120 000	1955
1956	---	2 620 ON MAY 16	65.4 ON NOV 18	11 700 000	1956
1957	---	3 570 ON APR 28	32.8 ON SEP 01	12 400 000	1957
1958	---	1 340 ON APR 21	52.1 ON AUG 10	11 300 000	1958
1959	---	2 890 ON MAY 08	39.9 ON AUG 16	10 500 000	1959
1960	---	3 940 ON MAY 18	43.6 ON SEP 04	15 700 000	1960
1961	---	2 250 ON MAY 17	77.9 ON MAR 26	17 500 000	1961
1962	---	2 590 ON MAY 05	121 ON DEC 08	13 400 000	1962
1963	---	1 630 ON JUN 23	---	---	1963
	B - ICE CONDITIONS	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		13 300 000	MEAN

MATTAGAMI RIVER AT SMOOTH ROCK FALLS - STATION NO. 04LB001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1920	---	---	---	---	382	92.4	70.0	54.9	44.9	43.4	43.4	49.8	---	1920
1921	29.6	30.4	29.3	270	356	80.3	54.2	74.2	93.6	121	60.5	56.5	106	1921
1922	49.3	46.7	47.7	266	628	125	128	65.4	59.7	84.7	93.0	62.3	139	1922
1923	54.1	47.3	32.0	84.7	242	109	82.1	51.1	146	55.3	56.6	48.4	82.5	1923
1924	45.3	44.8	42.8	88.3	213	114	60.2	62.1	79.9	36.2	59.5	48.4	74.6	1924
1925	34.7	36.7	40.3	166	188	270	154	84.0	45.0	67.4	68.2	49.3	101	1925
1926	54.8	42.2	49.6	52.3	286	171	241	66.6	60.9	73.3	123	103	109	1926
1927	56.1	47.9	78.4	288	390	145	83.7	62.3	62.5	128	91.4	62.0	125	1927
1928	40.1	35.7	52.1	140	753	357	226	119	310	384	221	93.2	228	1928
1929	60.3	55.5	60.2	155	394	299	126	82.5	98.9	160	138	64.3	142	1929
1930	54.4	49.3	55.5	86.1	447	272	236	84.1	80.3	83.0	74.2	61.4	133	1930
1931	49.3	42.8	39.6	156	279	111	56.7	56.1	51.9	84.6	152	101	99.4	1931
1932	73.1	59.2	62.9	109	396	98.2	122	87.0	111	106	175	74.9	127	1932
1933	58.5	61.4	61.6	215	379	143	89.1	61.2	52.9	55.2	60.4	49.8	107	1933
1934	43.5	42.2	36.3	41.4	434	195	84.9	59.4	87.8	88.2	137	110	114	1934
1935	49.3	44.4	50.6	125	238	160	101	84.2	62.1	123	67.8	48.4	96.5	1935
1936	42.8	43.3	52.4	67.2	513	187	65.4	45.1	51.5	70.3	62.2	44.4	104	1936
1937	41.7	39.1	40.9	129	251	88.5	164	105	74.0	143	132	74.0	107	1937
1938	47.2	48.9	97.4	379	373	231	107	108	61.3	55.6	72.2	55.5	137	1938
1939	49.7	44.3	44.8	96.1	520	222	122	54.4	73.8	97.6	68.3	49.8	121	1939
1940	47.3	45.5	47.0	77.0	284	235	125	60.5	84.7	77.0	101	58.6	104	1940
1941	50.0	47.6	60.9	248	287	122	90.1	130	219	287	212	164	160	1941
1942	75.2	53.3	59.8	267	261	75.5	54.5	50.7	114	137	95.2	51.0	108	1942
1943	47.2	43.2	40.5	85.0	216	254	101	69.7	61.1	56.0	75.7	46.9	93.4	1943
1944	44.4	45.7	44.0	110	244	114	59.9	102	120	108	73.6	53.2	93.4	1944
1945	46.8	44.8	101	212	229	221	112	46.0	53.4	64.0	89.6	47.0	106	1945
1946	42.9	47.7	125	174	254	174	89.1	48.9	81.4	56.4	86.8	78.2	105	1946
1947	51.3	48.7	52.0	72.4	511	466	124	58.7	49.8	43.6	38.6	32.0	138	1947
1948	29.6	30.1	31.3	196	217	79.2	76.0	68.8	40.8	51.5	67.8	61.0	78.3	1948
1949	48.3	50.1	54.3	220	300	147	75.8	47.4	43.1	42.2	42.1	37.6	92.4	1949
1950	37.0	39.5	38.6	71.9	542	289	150	67.5	51.9	89.3	103	72.7	130	1950
1951	49.7	54.8	68.8	441	216	120	63.9	59.2	58.0	230	198	113	141	1951
1952	64.5	62.4	71.1	215	243	165	121	78.4	55.2	61.3	71.4	70.4	107	1952
1953	52.6	52.4	84.7	246	355	163	86.8	45.0	126	74.4	74.6	85.2	121	1953
1954	52.2	56.7	60.8	248	319	153	93.3	62.3	56.6	234	169	65.9	131	1954
1955	56.8	55.4	53.8	231	112	82.6	45.2	42.6	37.2	77.9	64.7	44.0	75.2	1955
1956	46.1	49.0	57.6	82.3	382	189	103	54.3	86.4	51.6	49.3	47.6	100	1956
1957	49.1	53.5	64.3	236	146	127	209	49.4	59.4	58.7	165	77.9	108	1957
1958	61.2	64.0	63.5	114	96.8	93.5	76.3	51.4	80.9	120	119	61.0	83.5	1958
1959	57.4	58.5	61.2	117	238	97.8	50.3	58.9	65.0	86.4	89.2	63.1	87.1	1959
1960	55.0	59.2	61.3	201	775	172	86.7	67.3	57.4	65.5	108	67.7	149	1960
1961	55.6	55.6	58.5	137	274	239	213	109	285	132	113	90.6	147	1961
1962	60.2	63.4	67.6	140	391	87.6	45.4	85.2	129	64.4	55.9	51.1	104	1962
1963	50.9	54.3	54.7	184	236	173	62.6	52.0	62.4	54.4	65.3	66.4	93.2	1963
1964	57.3	62.1	73.1	288	329	298	95.3	52.8	74.6	141	118	68.8	138	1964
1965	65.8	69.6	74.1	115	415	85.0	69.1	73.1	166	205	105	83.7	128	1965
1966	65.2	81.1	93.1	256	270	214	58.9	66.8	58.7	197	147	148	138	1966
1967	85.4	91.2	88.4	394	473	200	95.7	90.0	65.9	60.5	89.6	70.1	150	1967
1968	68.9	80.0	98.4	306	155	212	172	68.3	69.8	79.2	62.6	52.9	119	1968
1969	64.7	61.2	75.0	246	294	167	79.9	73.6	86.1	95.3	118	80.2	120	1969
1970	68.7	64.6	71.0	122	261	215	134	85.7	72.2	71.0	71.1	65.0	109	1970
1971	60.8	60.9	66.7	163	178	126	73.1	55.5	53.5	59.6	71.3	61.5	103	1971
1972	59.0	64.5	57.8	92.7	358	210	87.5	53.2	57.5	93.0	66.7	59.8	105	1972
1973	63.2	62.3	101	235	320	148	103	86.9	118	82.8	74.1	58.8	122	1973
1974	56.5	64.3	72.3	109	395	188	111	60.0	66.4	97.3	79.3	61.1	114	1974
1975	59.3	59.0	59.4	112	253	249	59.0	35.6	42.0	41.4	70.4	60.4	91.6	1975
1976	61.5	58.1	57.9	377	328	66.6	48.5	37.7	37.8	50.0	32.8	39.9	99.6	1976
1977	46.1	40.8	70.2	285	147	70.3	51.9	33.9	79.6	59.0	83.5	57.6	85.3	1977
1978	56.6	54.4	52.7	57.1	372	223	148	58.6	70.4	151	83.7	61.4	116	1978
1979	58.5	57.9	67.0	276	613	208	75.0	58.7	64.2	125	121	85.7	151	1979
1980	62.8	59.4	54.8	192	215	98.7	69.1	49.4	61.6	76.7	55.0	54.6	87.4	1980
1981	58.3	59.2	63.3	296	247	100	60.8	34.9	44.2	60.1	63.7	59.5	99.3	1981
1982	57.4	64.6	57.8	107	210	63.9	91.9	52.9	78.3	188	118	67.4	96.8	1982
1983	60.6	65.7	63.7	99.5	504	248	52.9	39.9	58.7	90.8	60.6	60.1	117	1983
1984	66.3	70.9	65.5	223	117	190	154	59.4	50.0	53.2	77.7	67.9	99.3	1984
1985	61.8	71.3	60.4	194	265	84.7	104	63.6	50.2	61.9	88.1	67.2	97.8	1985
1986	60.7	55.8	57.7	244	209	64.0	53.5	110	110	150	102	66.9	107	1986
1987	64.2	59.8	53.6	127	63.8	58.6	66.6	68.7	38.0	64.8	57.8	61.0	65.3	1987
1988	53.6	46.5	53.1	224	331	78.1	46.6	82.7	68.7	71.3	204	92.3	113	1988
1989	61.1	62.7	60.8	85.4	382	194	77.7	57.4	44.4	41.2	68.7	57.5	99.8	1989
1990	53.9	59.5	102	237	314	137	135	54.4	55.0	180	130	79.8	129	1990
MEAN	54.3	54.3	61.8	182	326	165	99.5	66.1	79.0	100	94.4	67.2	113	MEAN

LOCATION - LAT 49 16 04 N
LONG 081 38 30 W

DRAINAGE AREA, 10 000 km²
REGULATED

MATTAGAMI RIVER AT SMOOTH ROCK FALLS - STATION NO. 04LB001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1920			---	---	1920
1921	---	530 ON MAY 09	23.5 B ON FEB 14	3 330 000	1921
1922	---	775 ON APR 26	36.8 ON JUL 06	4 380 000	1922
1923	---	1 070 ON MAY 08	32.0 B ON MAR 01	2 600 000	1923
1924	---	490 ON MAY 03	27.9 ON OCT 24	2 360 000	1924
1925		294 ON APR 30			
1926	---	467 ON JUN 06	14.4 ON SEP 07	3 190 000	1925
1927	---	462 ON JUL 19	34.8 B ON JAN 01	3 450 000	1926
1928	---	665 ON APR 21	41.9 ON SEP 18	3 940 000	1927
1929	---	1 130 ON MAY 12	35.4 B ON FEB 16	7 220 000	1928
1930		657 ON MAY 25	46.2 B ON MAR 01	4 470 000	1929
1931	---	745 ON MAY 06	48.4 ON AUG 06	4 190 000	1930
1932	---	391 ON APR 23	32.3 ON AUG 26	3 140 000	1931
1933	---	561 ON MAY 21	33.4 ON AUG 25	4 030 000	1932
1934	---	547 ON MAY 15	36.2 ON SEP 27	3 360 000	1933
1935		759 ON MAY 07	18.8 ON APR 01	3 590 000	1934
1936	---	490 ON MAY 01	25.5 ON JAN 28	3 040 000	1935
1937	---	875 ON MAY 15	27.5 ON DEC 26	3 300 000	1936
1938	---	677 ON MAY 05	27.5 ON APR 11	3 390 000	1937
1939	---	900 ON APR 28	31.4 ON SEP 18	4 310 000	1938
1940		949 ON MAY 08	26.3 ON AUG 19	3 810 000	1939
1941	---	462 ON MAY 03	34.3 ON AUG 18	3 280 000	1940
1942	---	654 ON MAY 0	38.5 ON FEB 12	5 050 000	1941
1943	---	719 ON APR 26	31.7 ON AUG 09	3 410 000	1942
1944	---	484 ON MAY 08	21.2 ON MAR 21	2 940 000	1943
1945		589 ON MAY 04	30.3 ON MAR 05	2 950 000	1944
1946	---	524 ON JUN 01	23.4 ON DEC 24	3 330 000	1945
1947	---	742 ON MAY 25	27.6 ON FEB 03	3 310 000	1946
1948	---	1 120 ON MAY 19	19.5 ON DEC 14	4 350 000	1947
1949	---	549 ON APR 28	16.4 ON JAN 04	2 480 000	1948
1950		637 ON MAY 02	20.0 ON DEC 11	2 910 000	1949
1951	---	861 ON MAY 28	19.0 ON MAR 26	4 100 000	1950
1952	---	694 ON APR 13	37.7 ON FEB 04	4 450 000	1951
1953	---	597 ON APR 23	30.5 ON AUG 31	3 370 000	1952
1954	---	564 ON MAY 05	21.0 ON NOV 01	3 810 000	1953
1955		597 ON APR 22	34.8 ON SEP 06	4 140 000	1954
1956	---	544 ON APR 18	20.4 ON SEP 04	2 370 000	1955
1957	---	782 ON MAY 16	33.7 ON SEP 02	3 170 000	1956
1958	---	909 ON APR 26	28.0 ON AUG 20	3 400 000	1957
1959	---	297 ON OCT 26	34.3 ON AUG 24	2 630 000	1958
1960		549 ON MAY 07	29.4 ON JUL 27	2 750 000	1959
1961	---	1 230 ON MAY 10 *	22.1 ON AUG 25	4 700 000	1960
1962	---	736 ON SEP 01	45.3 ON FEB 19	4 640 000	1961
1963	---	719 ON MAY 04	29.7 ON JUL 22	3 270 000	1962
1964	---	467 ON JUN 21	14.9 ON APR 05	2 940 000	1963
1965		813 ON APR 28	37.7 ON SEP 07	4 360 000	1964
1966	---	799 ON MAY 17	42.5 ON AUG 22	4 030 000	1965
1967	---	719 ON APR 22	37.1 ON JUL 01	4 350 000	1966
1968	---	1 010 ON MAY 03	8.21 ON OCT 18	4 740 000	1967
1969	---	620 ON APR 17	36.8 ON SEP 02	3 770 000	1968
1970		586 ON APR 24	43.6 ON JUL 14	3 790 000	1969
1971	---	532 ON MAY 01	50.7 ON SEP 24	3 430 000	1970
1972	---	484 ON MAY 13	21.8 ON SEP 02	3 240 000	1971
1973	---	580 ON MAY 01	54.8 ON APR 17	3 330 000	1972
1974	---	583 ON APR 22	54.1 ON JAN 02	3 840 000	1973
1975		569 ON MAY 03	33.7 ON MAR 31	3 590 000	1974
1976	---	428 ON JUN 02	24.9 ON OCT 23 *	2 890 000	1975
1977	---	1 090 ON APR 20	0 ON SEP 06 *	3 150 000	1976
1978	---	728 ON APR 22	13.3 ON FEB 20	2 690 000	1977
1979	---	804 ON MAY 14	28.3 ON AUG 07	3 670 000	1978
1980		1 150 ON MAY 09	46.7 ON JUL 17	4 760 000	1979
1981	---	499 ON APR 28	36.8 ON JUL 28	2 760 000	1980
1982	---	542 ON MAY 05	29.4 ON AUG 16	3 010 000	1981
1983	---	562 ON OCT 21	23.8 ON SEP 01	3 050 000	1982
1984	---	698 ON MAY 15	27.3 ON AUG 30	3 700 000	1983
1985		650 ON JUN 26	32.8 ON SEP 04	3 140 000	1984
1986	---	734 ON APR 26	32.0 ON SEP 28	3 080 000	1985
1987	---	533 ON APR 29	37.9 ON JUL 30	3 380 000	1986
1988	---	241 ON APR 18	27.8 ON SEP 17	2 060 000	1987
1989	---	694 ON MAY 01	36.2 ON JUL 24	3 560 000	1988
1990		615 ON MAY 23	30.3 ON OCT 14	3 150 000	1989
	---	804 ON APR 27	30.8 ON AUG 30	4 050 000	1990
	B - ICE CONDITIONS	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		3 560 000	MEAN

MATTAGAMI RIVER AT TIMMINS - STATION NO. 04LA001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1965	---	---	---	---	---	53.9	34.7	42.8	107	133	76.2	49.7	---	1965
1966	57.8	68.7	68.1	146	139	102	43.1	41.4	34.6	82.8	89.2	103	87.8	1966
1967	64.0	77.1	77.8	225	253	148	69.5	81.9	60.4	47.9	54.6	42.1	102	1967
1968	38.8	41.1	72.7	127	93.3	153	80.1	51.8	51.0	47.2	54.5	65.9	73.0	1968
MEAN	60.2	62.3	72.9	166	162	134	56.8	54.5	63.2	77.7	68.6	65.2	87.6	MEAN

LOCATION - LAT 48 28 45 N LONG 081 21 15 W DRAINAGE AREA, 6 140 km^2 REGULATED

MATTAGAMI RIVER AT TIMMINS - STATION NO. 04LA001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1965	---	---	---	---	1965
1966	---	314 ON APR 24	5.78 ON SEP 09 *	2 770 000	1966
1967	---	385 ON MAY 02 *	33.4 ON OCT 18	3 210 000	1967
1968	---	309 ON JUN 15	10.2 ON AUG 05	2 310 000	1968
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		2 760 000	MEAN

MATTAGAMI RIVER NEAR TIMMINS - STATION NO. 04LA002

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1969	---	---	---	---	99.1	92.1	51.0	41.5	40.3	29.4	54.2	---	---	1969
1970	---	---	---	55.0	92.5	113	83.7	52.5	44.3	46.2	45.0	53.1	---	1970
1971	---	---	67.7	85.3	144	87.8	41.0	46.7	27.8	35.4	34.1	44.0	---	1971
1972	---	---	65.2	56.2	123	108	58.2	39.2	42.8	41.8	40.7	58.9	---	1972
1973	64.4	69.4	78.0	83.3	168	---	---	---	---	---	51.7	54.8	---	1973
1974	65.9	76.8	75.6	61.8	178	118	56.5	46.8	43.4	38.3	50.8	56.8	72.3	1974
1975	58.6	65.6	61.3	54.6	109	163	38.3	18.3	20.4	21.7	33.8	49.7	57.7	1975
1976	72.3	72.6	56.9	165	188	57.8	30.3	22.9	25.3	33.8	28.1	39.1	65.9	1976
1977	47.8	39.4	70.3	119	175	37.3	27.7	23.1	31.2	36.7	38.9	54.6	54.3	1977
1978	67.4	60.1	54.1	36.0	110	133	69.7	48.9	53.7	76.2	57.3	57.5	68.7	1978
1979	71.8	70.7	80.2	112	295	106	63.1	39.1	41.3	32.6	81.7	84.4	90.0	1979
1980	79.3	78.3	63.0	64.5	105	62.0	41.4	38.3	36.8	37.5	38.6	49.3	57.8	1980
1981	60.2	64.7	56.8	137	105	81.0	53.4	33.6	36.6	39.6	41.5	54.5	63.5	1981
1982	50.7	69.2	54.9	54.0	77.0	47.5	65.2	39.2	37.2	68.7	66.3	57.9	57.3	1982
1983	55.4	63.1	60.0	59.2	197	182	42.3	26.6	36.3	51.8	44.5	51.7	72.5	1983
1984	55.5	53.8	48.0	82.6	56.1	82.5	99.3	52.3	43.9	42.5	49.1	64.5	60.8	1984
1985	72.5	82.6	65.3	79.8	201	99.5	66.8	42.4	46.1	38.7	51.9	61.6	75.7	1985
1986	71.1	67.1	66.9	102	139	55.0	43.8	73.2	78.5	96.6	94.9	70.4	80.0	1986
1987	70.4	64.7	47.7	54.9	25.6	20.0	32.2	33.6	24.3	29.1	31.6	43.2	39.6	1987
1988	48.7	44.3	54.4	94.5	159	54.1	29.3	26.9	36.3	35.6	116	98.8	66.5	1988
1989	76.0	84.4	89.7	60.2	165	142	58.2	34.2	27.0	22.2	33.6	48.5	70.0	1989
1990	55.0	72.2	96.5	96.3	179	142	104	46.6	25.5	74.3	95.8	97.3	90.5	1990
MEAN	63.5	66.6	65.6	81.6	138	94.5	55.0	39.3	38.0	44.2	53.6	59.5	67.2	MEAN

LOCATION - LAT 48 23 52 N, LONG 081 26 45 W DRAINAGE AREA, 5 540 km^2 REGULATED

MATTAGAMI RIVER NEAR TIMMINS - STATION NO. 04LA002

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1969	193 AT 12:00 EST ON APR 28	187 ON APR 28	---	---	1969
1970	165 AT 23:05 EST ON JUN 03	163 ON JUN 04	---	---	1970
1971	250 AT 21:52 EST ON MAY 28	248 ON MAY 29	---	---	1971
1972	201 AT 15:07 EST ON MAY 05	194 ON MAY 05	25.2 ON NOV 08	---	1972
1973	267 AT 04:50 EST ON MAY 12	265 ON MAY 12	---	---	1973
1974	277 AT 10:44 EST ON MAY 03	274 ON MAY 03	32.3 ON OCT 07	2 280 000	1974
1975	251 AT 11:48 EST ON JUN 02	250 ON JUN 02	16.6 ON SEP 01	1 820 000	1975
1976	340 AT 06:46 EST ON MAY 04	337 ON MAY 03	13.5E ON SEP 05	2 080 000	1976
1977	---	345 E ON APR 29	17.9 ON AUG 17	1 710 000	1977
1978	---	201 E ON MAY 15	31.4 ON APR 22	2 170 000	1978
1979	---	396 A ON MAY 09 *	18.4E ON OCT 20	2 840 000	1979
1980	143 AT 08:21 EST ON MAY 18	143 ON MAY 18	30.3 ON NOV 10	1 830 000	1980
1981	208 AT 14:15 EST ON APR 18	207 ON APR 18	27.8 ON AUG 28	2 000 000	1981
1982	217 AT 18:43 EST ON JUL 18	208 ON JUL 18	24.6 ON OCT 06	1 810 000	1982
1983	368 AT 03:47 EST ON JUN 01 *	366 ON JUN 01	22.5 ON AUG 10	2 290 000	1983
1984	189 AT 13:56 EST ON JUL 01	189 ON JUL 01	30.8 ON JUN 07	1 920 000	1984
1985	275 AT 13:14 EST ON MAY 03	273 ON MAY 03	27.0 ON OCT 09	2 390 000	1985
1986	226 AT 04:52 EST ON MAY 03	221 ON MAY 03	38.3 ON JUL 15	2 520 000	1986
1987	---	83.0E ON JAN 17	12.5 ON JUL 09 *	1 250 000	1987
1988	258 AT 16:29 EST ON MAY 03	257 ON MAY 03	15.7 ON AUG 02	2 100 000	1988
1989	292 AT 22:45 EST ON MAY 25	291 ON MAY 25	16.9 ON OCT 29	2 210 000	1989
1990	286 AT 20:45 EST ON MAY 21	284 ON MAY 21	18.4 ON SEP 09	2 850 000	1990
	A - MANUAL GAUGE (SEE REFERENCE INDEX) E - ESTIMATED	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		2 120 000	MEAN

MATTAWA RIVER BELOW BOUILLON LAKE - STATION NO. 02JE020

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1971	---	---	---	---	---	---	---	---	---	---	---	7.84	---	1971
1972	6.84	6.48	5.56	35.9	50.4	7.76	6.83	18.4	10.9	9.75	14.1	10.1	15.3	1972
1973	6.53	5.83	25.1	49.9	27.2	20.0	12.1	14.7	7.60	9.35	14.2	14.4	17.2	1973
1974	7.75	7.37	13.6	49.6	31.5	17.3	6.17	6.35	4.96	10.1	27.4	11.9	16.1	1974
1975	8.62	7.28	10.1	28.9	30.1	13.6	3.66	3.36	2.86	9.23	9.28	19.8	12.3	1975
1976	7.42	5.84	18.5	50.2	26.7	8.73	5.27	5.28	4.66	5.46	6.18	5.88	12.3	1976
1977	4.26	4.09	15.1	49.9	8.54	3.12	5.80	6.44	12.5	14.5	15.8	15.2	13.3	1977
1978	8.28	6.05	4.65	31.2	30.5	5.90	3.90	5.50	12.5	19.5	12.2	10.2	12.5	1978
1979	8.50	6.86	22.0	60.6	32.6	10.8	5.59	5.72	9.44	14.8	23.6	20.6	18.4	1979
1980	11.4	5.81	13.1	65.7	16.4	15.1	10.5	12.0	29.0	30.5	21.7	13.0	20.5	1980
1981	7.60	13.9	20.7	53.3	22.5	21.7	5.13	4.88	16.1	23.5	14.2	10.8	17.8	1981
1982	7.28	5.78	7.04	53.4	17.3	6.32	4.19	1.84	8.14	12.6	18.5	29.4	14.3	1982
1983	21.3	8.81	24.0	31.3	43.4	15.5	3.16	3.11	8.31	18.4	14.4	12.4	17.0	1983
1984	8.06	19.4	19.2	46.8	19.6	21.7	18.4	5.62	9.41	11.3	32.6	17.6	19.0	1984
1985	12.9	8.33	16.9	68.5	32.0	7.42	17.8	6.97	5.69	7.58	14.5	13.2	17.6	1985
1986	7.94	6.18	11.9	56.6	20.8	14.4	6.12	6.51	4.68	12.0	11.1	8.83	13.9	1986
1987	6.91	5.91	12.5	35.3	10.7	7.80	3.07	3.84	1.76	4.04	10.7	9.41	9.31	1987
1988	7.09	10.4	8.11	53.0	18.0	3.47	3.41	14.2	11.3	24.3	28.3	14.0	16.4	1988
1989	9.40	8.18	13.0	44.8	33.0	12.3	4.80	3.09	2.90	4.97	17.9	9.18	13.6	1989
1990	9.09	10.0	25.6	38.7	35.0	11.2	7.46	7.13	9.98	30.2	32.1	29.5	20.5	1990
MEAN	8.80	8.03	15.1	47.5	26.6	11.8	7.28	7.10	9.12	14.3	17.8	14.2	15.6	MEAN

LOCATION - LAT 46 17 56 N LONG 078 54 26 W DRAINAGE AREA, 909 km² REGULATED

MATTAWA RIVER BELOW BOUILLON LAKE - STATION NO. 02JE020

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1971	---	---	---	---	1971
1972	112 AT 09:25 EST ON MAY 04	112 ON MAY 04	1.23 ON JUN 04	483 000	1972
1973	78.4 AT 06:00 EST ON APR 05	77.6 ON APR 05	3.68 ON SEP 22	542 000	1973
1974	88.1 AT 16:40 EST ON APR 24	87.8 ON APR 24	2.29 ON SEP 08	509 000	1974
1975	75.9 AT 21:59 EST ON APR 29	75.6 ON APR 29	0.776 ON JUL 07	386 000	1975
1976	83.3 AT 22:30 EST ON APR 02	82.4 ON APR 02	0.855 ON AUG 30	390 000	1976
1977	60.3 AT 11:07 EST ON APR 22	60.0 ON APR 22	0.830 ON JUN 18	418 000	1977
1978	80.7 AT 04:38 EST ON APR 29	80.4 ON APR 29	0.714 ON AUG 15 *	395 000	1978
1979	93.1 AT 08:12 EST ON APR 28	92.5 ON APR 28	1.85 ON JUL 13	581 000	1979
1980	106 AT 22:04 EST ON APR 11	104 ON APR 12	4.91 ON MAR 16	650 000	1980
1981	104 AT 10:22 EST ON APR 06	103 ON APR 05	0.927 ON AUG 25	562 000	1981
1982	101 AT 07:48 EST ON APR 19	100 ON APR 20	0.855 ON AUG 13	451 000	1982
1983	86.5 AT 10:05 EST ON MAY 09	86.0 ON MAY 09	0.830 ON JUL 27	538 000	1983
1984	71.7 AT 02:46 EST ON APR 19	70.6 ON APR 18	1.07 ON AUG 04	602 000	1984
1985	178 AT 17:18 EST ON APR 25 *	176 ON APR 25 *	1.53 ON JUN 16	557 000	1985
1986	107 AT 22:55 EST ON APR 03	104 ON APR 04	2.28 ON AUG 25	439 000	1986
1987	75.0 AT 01:33 EST ON APR 01	74.2 ON APR 01	0.822 ON AUG 14	294 000	1987
1988	104 AT 22:15 EST ON APR 08	102 ON APR 08	0.905 ON JUN 06	519 000	1988
1989	66.5 AT 15:50 EST ON MAR 30	64.9 ON MAR 30	1.00 ON JUL 23	429 000	1989
1990	96.9 AT 00:22 EST ON DEC 01	94.1 ON MAY 20	1.31 ON SEP 13	648 000	1990
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		494 000	MEAN

MATTAWA RIVER NEAR RUTHERGLEN - STATION NO. 02JE014

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1962	---	---	---	---	62.7	17.8	6.66	3.89	6.93	5.24	5.89	7.03	---	1962
1963	6.75	5.93	12.0	86.2	48.2	27.0	9.54	12.1	6.57	4.91	12.4	12.6	20.3	1963
1964	11.8	10.6	16.7	48.4	26.7	11.7	8.10	2.87	3.37	7.38	9.82	15.5	14.4	1964
1965	14.0	12.1	11.4	39.2	82.6	16.3	7.96	18.9	20.5	34.5	35.5	38.1	27.7	1965
1966	13.4	22.3	24.1	81.9	48.7	25.4	8.14	5.95	3.27	10.9	22.5	59.6	29.1	1966
1967	27.7	23.0	16.2	93.8	45.7	23.4	16.7	7.17	6.03	22.2	26.4	31.0	30.2	1967
1968	19.0	11.4	21.5	77.6	27.2	16.2	11.4	8.53	8.49	7.48	48.3	8.12	18.5	1968
1969	9.17	6.97	10.7	74.3	83.5	36.8	14.0	10.9	10.5	20.9	43.6	24.6	29.1	1969
1970	14.9	11.8	11.7	50.4	76.1	52.7	69.3	28.2	25.3	32.7	26.0	21.7	35.2	1970
1971	14.8	10.3	13.9	78.0	65.5	19.9	5.96	5.17	5.17	7.43	---	---	---	1971
MEAN	16.8	12.7	15.6	70.0	56.7	24.7	16.1	10.4	9.61	15.4	23.7	24.2	25.6	MEAN

LOCATION - LAT 46 18 07 N LONG 078 52 51 W DRAINAGE AREA, 2 040 km² NATURAL FLOW

MATTAWA RIVER NEAR RUTHERGLEN - STATION NO. 02JE014

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1962	---	---	---	---	1962
1963	125 AT 09:00 EST ON APR 04	125 ON APR 04	3.43 ON OCT 07	642 000	1963
1964	88.9 AT 20:00 EST ON APR 19	88.3 ON APR 19	1.93 ON SEP 08 *	455 000	1964
1965	159 AT 12:30 EST ON MAY 02	153 ON MAY 02	5.04 ON AUG 01	874 000	1965
1966	181 AT 01:00 EST ON APR 23	176 ON APR 23	2.44 ON SEP 21	919 000	1966
1967	157 AT 12:45 EST ON APR 19	154 ON APR 19	3.68 ON SEP 19	962 000	1967
1968	124 AT 21:00 EST ON APR 11	124 ON APR 11	4.47 ON NOV 03	584 000	1968
1969	136 AT 06:00 EST ON APR 18	135 ON APR 18	5.41 ON SEP 05	919 000	1969
1970	259 AT 19:17 EST ON JUL 21 *	209 ON JUL 22 *	11.0 B ON MAR 01	1 110 000	1970
1971	174 AT 23:32 EST ON APR 23	172 ON APR 23	---	---	1971
	B - ICE CONDITIONS	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		807 000	MEAN

MATTAWISHKWIA RIVER AT HEARST - STATION NO. 04LK001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1986	1.02	0.575	0.601	37.0	36.4	7.80	5.09	1.03	2.65	15.3	6.31	1.86	9.67	1986
1987	0.815	0.518	0.547	35.1	16.7	9.36	32.0	16.7	4.57	16.6	19.8	5.61	13.3	1987
1988	1.84	0.706	0.489	37.6	69.1	14.5	5.21	21.2	8.36	9.85	13.2	7.91	16.4	1988
1989	1.83	0.903	0.570	7.15	91.1	11.6	1.95	2.56	0.325	4.10	17.7	2.77	12.0	1989
1990	1.02	0.668	3.56	48.2	62.0	24.0	20.0	6.59	7.32	18.3	18.9	4.75	18.0	1990
MEAN	1.31	0.674	1.15	33.0	55.1	13.5	12.9	9.62	4.65	12.8	16.4	4.58	13.9	MEAN

LOCATION - LAT 49 40 58 N LONG 083 39 20 W DRAINAGE AREA, 1 140 km^2 NATURAL FLOW

REMARKS - STATION ACTIVATED NOV 7 1985

MATTAWISHKWIA RIVER AT HEARST - STATION NO. 04LK001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1986	99.7 AT 03:35 EST ON APR 30	97.5 ON APR 30	0.400B ON MAR 14	305 000	1986
1987	93.3 AT 01:15 EST ON APR 20	92.2 ON APR 20	0.439B ON MAR 08	418 000	1987
1988	116 AT 00:07 EST ON MAY 14	114 ON MAY 14	0.405B ON MAR 18	518 000	1988
1989	134 AT 09:24 EST ON MAY 06	132 ON MAY 06	0.165 ON SEP 16 *	379 000	1989
1990	297 AT 13:39 EST ON APR 27 *	286 ON APR 27 *	0.520B ON MAR 06	568 000	1990
	B - ICE CONDITIONS	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		438 000	MEAN

MCGREGOR CREEK NEAR CHATHAM - STATION NO. 02GE007

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1977	---	---	---	---	---	---	0.202	0.250	2.41	1.38	1.04	8.18	---	1977
1978	0.359	0.420	8.65	5.95	0.917	0.334	0.108	0.065	0.084	0.123	0.189	0.459	1.48	1978
1979	0.708	0.741	5.04	11.1	1.69	0.346	0.233	0.093	0.053	0.093	1.15	4.57	2.15	1979
1980	1.62	0.334	5.67	4.37	0.866	0.759	0.836	1.63	2.03	0.570	0.294	1.57	1.72	1980
1981	0.131	7.02	1.29	2.19	0.951	3.70	1.27	6.68	0.625	6.56	1.20	1.09	2.70	1981
1982	2.44	0.692	11.1	3.47	1.07	1.26	0.706	0.696	0.213	0.148	5.96	5.70	2.80	1982
1983	0.976	1.77	1.27	3.78	3.01	2.26	3.19	2.63	0.327	0.244	3.37	6.38	2.44	1983
1984	0.280	6.51	6.87	1.85	2.02	0.481	1.88	0.267	0.310	0.204	1.53	3.36	2.12	1984
1985	2.62	9.12	9.44	3.76	0.382	0.216	0.093	1.43	3.37	1.75	10.4	1.89	3.65	1985
1986	2.15	4.43	7.85	1.83	0.712	2.42	0.396	0.160	0.798	3.72	2.19	5.99	2.72	1986
1987	2.45	0.616	2.97	2.85	0.404	0.113	0.104	1.70	2.44	1.07	2.63	6.79	2.02	1987
1988	0.479	1.15	3.12	0.741	0.228	0.067	0.057	0.083	0.054	0.194	1.51	0.581	0.687	1988
1989	0.993	0.475	0.575	1.96	2.56	2.71	0.175	0.218	0.142	0.319	1.25	0.138	0.958	1989
1990	4.53	9.53	2.53	2.42	2.19	0.492	0.164	1.98	4.96	2.89	2.43	10.6	3.69	1990
MEAN	1.52	3.29	5.11	3.56	1.31	1.17	0.672	1.28	1.27	1.38	2.51	4.09	2.24	MEAN

LOCATION - LAT 42 23 00 N LONG 082 05 39 W DRAINAGE AREA, 202 km^2 NATURAL FLOW

MCGREGOR CREEK NEAR CHATHAM - STATION NO. 02GE007

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1977	---	---	0.076 ON SEP 10	---	1977
1978	76.2 AT 23:26 EST ON MAR 21	60.0 ON MAR 21	0.015 ON SEP 06	46 600	1978
1979	114 AT 08:02 EST ON APR 14	100 ON APR 14	0.017 ON SEP 26	67 800	1979
1980	41.3 AT 16:57 EST ON MAR 21	27.9 ON MAR 21	0.060 ON JUL 21	54 300	1980
1981	98.7 AT 00:43 EST ON AUG 09	89.7 ON AUG 09	0.059B ON JAN 21	85 100	1981
1982	106 B AT 21:08 EST ON MAR 13	67.0B ON MAR 13	0.007 ON SEP 12 *	88 400	1982
1983	60.9 AT 18:08 EST ON JUN 20	43.7 ON DEC 12	0.071 ON JUL 28	76 900	1983
1984	---	50.0B ON FEB 14	0.041 ON SEP 09	67 000	1984
1985	---	110 B ON FEB 24 *	0.018 ON AUG 13	115 000	1985
1986	63.6B AT 22:00 EST ON MAR 10	37.6 ON MAR 11	0.040 ON SEP 09	85 700	1986
1987	45.7 AT 21:45 EST ON DEC 15	27.5 ON DEC 16	0.026 ON JUL 31	63 800	1987
1988	26.0 AT 21:04 EST ON MAR 25	13.6 ON MAR 25	0.022 ON AUG 22	21 700	1988
1989	51.7 AT 10:26 EST ON MAY 26	40.9 ON MAY 26	0.037 ON AUG 19	30 200	1989
1990	117 AT 02:15 EST ON FEB 23 *	87.9 ON FEB 23	0.091 ON JUL 08	116 000	1990
	B - ICE CONDITIONS	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		70 700	MEAN

MCINTYRE RIVER ABOVE THUNDER BAY - STATION NO. 02AB020

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1987	0.161	0.084	0.118	0.851	0.365	0.204	0.089	0.274	0.261	0.318	0.268	0.035	0.252	1987
1988	0.005	0.002	0.557	1.40	0.862	0.177	0.078	0.641	0.413	0.631	1.23	0.349	0.503	1988
1989	0.120	0.049	0.031	2.37	2.84	0.889	0.173	0.157	0.302	0.136	0.194	0.051	0.610	1989
1990	0.029	0.022	0.109	1.67	1.42	1.20	0.598	0.124	0.334	0.693	0.386	0.129	0.560	1990
MEAN	0.079	0.039	0.129	1.57	1.37	0.618	0.235	0.299	0.328	0.445	0.520	0.141	0.481	MEAN

LOCATION - LAT 48 28 57 N LONG 089 19 31 W DRAINAGE AREA, 90 km^2 REGULATED

REMARKS - STA. ACTIVATED IN DEC 1986. REPLACED STA. NO. 02AB016

MCINTYRE RIVER ABOVE THUNDER BAY - STATION NO. 02AB020

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1987	---	2.10B ON APR 08	0.014B ON DEC 31	7 960	1987
1988	5.16 AT 20:22 EST ON NOV 16	4.88 ON NOV 17	0.002B ON FEB 04 *	15 900	1988
1989	7.99 AT 22:15 EST ON APR 26 *	7.54 ON APR 27 *	0.023B ON MAR 19	19 200	1989
1990	6.66 AT 01:49 EST ON APR 29	6.10 ON APR 29	0.006 ON OCT 04	17 700	1990
	B - ICE CONDITIONS	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		15 200	MEAN

MCINTYRE RIVER AT THUNDER BAY - STATION NO. 02AB016

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1972	0.401	0.137	0.253	3.87	5.85	1.64	2.13	0.417	0.597	0.817	0.634	0.162	1.41	1972
1973	0.198	0.157	4.09	3.43	2.76	1.98	1.43	1.09	2.32	1.62	2.99	1.04	1.93	1973
1974	0.120	0.199	0.213	7.06	6.46	2.57	0.843	1.12	1.27	1.63	1.64	0.541	1.97	1974
1975	1.11	0.468	0.366	5.37	3.01	1.01	0.232	0.059	0.142	0.259	0.239	0.094	1.03	1975
1976	0.053	0.138	0.157	10.2	1.78	1.92	0.287	0.064	0.016	0.068	0.061	0.001	1.22	1976
1977	0.002	0.001	0.731	1.64	0.702	0.630	0.327	0.948	7.26	3.47	1.62	0.533	1.49	1977
1978	0.257	0.138	0.179	3.16	3.95	2.43	0.704	0.266	0.509	0.475	0.277	0.139	1.04	1978
1979	0.129	0.063	0.193	5.17	6.17	1.45	0.243	0.163	0.911	0.668	1.05	0.278	1.38	1979
1980	0.138	0.089	0.056	3.55	1.37	0.384	0.330	0.276	2.78	1.55	0.929	0.442	0.987	1980
1981	0.199	0.234	0.527	5.80	2.29	2.69	0.365	0.078	0.129	0.525	0.320	0.145	1.10	1981
1982	0.088	0.072	0.086	3.85	4.57	1.58	3.00	1.29	0.838	4.50	3.09	0.548	1.97	1982
1983	0.162	0.132	0.451	3.30	2.16	2.01	1.06	0.318	0.389	1.80	1.47	0.725	1.17	1983
1984	0.365	0.320	0.280	4.49	3.29	2.82	0.783	0.365	0.330	1.09	0.991	1.55	1.39	1984
1985	0.195	0.053	0.117	3.01	3.76	3.87	2.42	2.21	5.14	4.82	1.79	0.351	2.32	1985
1986	0.248	0.214	0.869	7.14	2.46	---	---	---	---	---	---	---	---	1986
MEAN	0.244	0.161	0.571	4.74	3.37	1.93	1.01	0.619	1.62	1.66	1.22	0.468	1.46	MEAN

LOCATION - LAT 48 25 07 N LONG 089 15 55 W DRAINAGE AREA, 145 km^2 REGULATED

REMARKS - STATION DISCONTINUED JUN 1986, REPLACED BY 02AB020.

MCINTYRE RIVER AT THUNDER BAY - STATION NO. 02AB016

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1972	---	19.5 ON MAY 01	0.057B ON FEB 19	44 700	1972
1973	---	25.4 ON NOV 21	0.057B ON FEB 10	61 000	1973
1974	---	35.1 ON MAY 11	0.068 ON JUL 13	62 200	1974
1975	---	12.3 ON APR 25	0 ON AUG 05 *	32 400	1975
1976	---	58.9 ON APR 16 *	0 B ON DEC 03	38 500	1976
1977	---	34.0 ON SEP 25	0 B ON JAN 05	46 900	1977
1978	---	12.4 ON APR 26	0.074 ON AUG 13	32 800	1978
1979	---	22.2 ON MAY 11	0.048B ON FEB 15	43 400	1979
1980	12.2 AT 21:32 EST ON APR 20	11.1 ON APR 23	0.028 ON JUN 27	31 200	1980
1981	11.0 AT 08:27 EST ON JUN 03	10.4 ON APR 11	0.025 ON AUG 29	34 800	1981
1982	23.5 AT 17:30 EST ON NOV 21 *	19.4 ON NOV 21	0.068B ON FEB 15	62 100	1982
1983	15.0 AT 02:04 EST ON APR 26	11.3 ON APR 26	0.103 ON SEP 08	36 800	1983
1984	11.0 AT 20:15 EST ON DEC 16	9.36 ON MAY 09	0.136 ON SEP 01	43 900	1984
1985	22.2 AT 11:18 EST ON MAY 05	19.2 ON MAY 05	0.048B ON FEB 26	73 100	1985
1986	---	---	---	---	1986
	B - ICE CONDITIONS	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		46 000	MEAN

MCKENZIE CREEK NEAR CALEDONIA - STATION NO. 02GB010

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1961	---	---	1.81	2.84	1.60	0.651	0.265	0.383	0.223	0.236	0.466	0.855	---	1961
1962	0.945	0.860	3.76	1.31	0.356	0.305	0.065	0.247	0.131	0.666	1.44	1.13	0.936	1962
1963	0.241	0.077	5.01	1.96	0.991	0.271	0.063	0.280	0.142	0.248	0.237	0.232	0.821	1963
1964	0.533	0.344	3.09	2.20	1.19	0.172	0.269	0.428	0.115	0.258	0.251	0.778	0.806	1964
1965	1.06	5.14	4.08	5.01	0.544	0.137	0.193	0.216	0.352	0.819	1.09	2.10	1.70	1965
1966	0.780	3.31	4.95	1.75	1.23	0.523	0.149	0.117	0.430	0.256	0.729	2.67	1.37	1966
1967	1.52	0.596	2.71	3.67	1.40	0.388	0.505	0.197	0.195	0.378	0.735	1.72	1.17	1967
1968	0.674	4.45	2.90	1.21	0.954	1.69	0.693	0.287	0.669	0.430	2.16	2.01	1.50	1968
1969	3.67	2.64	2.64	6.27	3.47	0.796	0.280	0.110	0.137	0.243	0.670	0.488	1.78	1969
1970	0.497	0.585	2.38	3.25	0.909	0.281	0.340	0.147	0.241	0.437	1.22	2.39	1.06	1970
1971	0.608	1.51	7.10	2.13	0.541	0.523	0.156	0.216	0.293	0.299	0.237	0.723	1.20	1971
1972	1.81	0.451	6.95	5.58	2.65	0.718	0.406	1.09	0.241	0.395	1.62	2.64	2.05	1972
1973	2.18	1.72	9.94	2.59	1.64	0.664	0.430	0.187	0.119	0.336	3.45	3.49	2.24	1973
1974	6.15	3.33	4.37	3.01	4.57	0.772	0.406	0.213	0.236	0.332	0.741	0.757	2.07	1974
1975	1.19	2.41	4.99	2.46	0.821	0.950	0.196	0.270	1.45	0.853	1.00	2.15	1.56	1975
1976	1.47	0.99	7.55	3.93	3.39	0.528	1.16	0.487	0.391	0.502	0.505	0.442	2.34	1976
1977	0.201	0.529	6.01	2.94	0.617	0.320	0.789	0.446	3.68	2.24	1.53	7.54	2.25	1977
1978	1.43	0.658	8.36	5.76	2.19	0.423	0.240	0.227	0.579	0.746	1.04	1.39	1.93	1978
1979	0.710	0.676	8.05	6.60	1.37	0.469	0.280	0.477	0.373	0.655	1.58	4.20	2.13	1979
1980	1.35	0.534	4.54	5.56	1.58	0.644	0.366	0.384	0.458	0.657	0.683	1.19	1.50	1980
1981	0.313	6.21	1.31	1.86	1.11	0.665	0.550	1.30	1.74	1.91	1.55	0.907	1.58	1981
1982	0.823	0.480	9.23	4.99	0.678	2.10	0.512	0.306	0.394	0.529	2.10	4.97	2.26	1982
1983	1.50	2.77	3.18	3.19	3.64	0.913	0.544	0.557	3.42	0.395	0.567	1.43	5.17	2.23	1983
1984	1.36	6.59	4.41	4.82	2.47	3.37	0.446	0.333	1.29	0.528	1.23	2.36	2.41	1984
1985	2.14	6.03	7.33	3.61	0.647	0.539	0.475	0.504	0.513	1.47	7.27	3.22	2.78	1985
1986	3.10	1.81	5.76	3.14	2.00	1.14	0.844	0.546	1.09	2.99	2.21	5.18	2.50	1986
1987	1.72	0.823	3.49	4.97	0.574	0.334	0.269	0.225	0.222	0.295	0.482	2.06	1.29	1987
1988	0.614	1.56	2.48	1.47	0.905	0.247	0.321	0.705	0.483	0.765	1.79	0.607	0.999	1988
1989	0.920	0.799	2.20	2.78	1.42	1.14	0.398	0.214	0.363	0.506	2.56	0.566	1.15	1989
1990	5.10	5.97	4.54	2.54	2.42	0.546	0.493	0.304	0.313	0.572	0.976	5.03	2.39	1990
MEAN	1.54	2.44	4.84	3.45	1.60	0.740	0.397	0.476	0.562	0.704	1.43	2.30	1.72	MEAN

LOCATION - LAT 43 02 03 N
LONG 079 57 00 W
DRAINAGE AREA, 171 km^2
REGULATED

MCKENZIE CREEK NEAR CALEDONIA ; STATION NO. 02GB010

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1961	---	---	---	---	1961
1962	---	8.47B ON MAR 16	0.006 ON JUL 15	29 500	1962
1963	---	18.2 ON MAR 18	0.014 ON JUL 06	25 900	1963
1964	---	7.82 ON MAR 27	0.008 ON OCT 01	25 500	1964
1965	---	28.9 ON FEB 12	0.076 ON JUN 04	53 600	1965
1966	---	15.6 B ON FEB 14	0.017 ON SEP 09	43 300	1966
1967	---	16.3 ON APR 04	0.011 ON SEP 12	36 900	1967
1968	---	24.9 ON FEB 04	0.099 ON JUL 31	47 300	1968
1969	25.7 AT 06:30 EST ON APR 20	25.5 B ON FEB 01	0.040 ON SEP 12	56 000	1969
1970	11.8 AT 16:17 EST ON APR 03	10.8 ON APR 04	0 ON AUG 21 *	33 400	1970
1971	---	25.5 B ON MAR 07	0.001 ON JUL 23	37 700	1971
1972	---	19.8 B ON MAR 17	0.082 ON JUL 29	64 900	1972
1973	20.1 AT 04:55 EST ON MAR 16	19.3 ON MAR 15	0.068 ON SEP 13	70 600	1973
1974	20.6 AT 21:38 EST ON JAN 28	20.0 ON JAN 28	0.068 ON AUG 21	65 400	1974
1975	16.4 AT 11:39 EST ON MAR 21	14.8 ON MAR 21	0.122 ON JUL 09	49 100	1975
1976	32.6 AT 07:07 EST ON MAR 07	30.0 ON MAR 07	0.110 ON SEP 08	74 100	1976
1977	21.3 AT 20:38 EST ON DEC 17	20.5 ON DEC 17	0.142 ON SEP 12	71 000	1977
1978	43.3 AT 10:56 EST ON MAR 23 *	41.1 ON MAR 23	0.156A ON SEP 07	60 900	1978
1979	---	26.0 B ON MAR 05	0.190 ON JUL 30	67 200	1979
1980	25.5 AT 18:00 EST ON MAR 21	23.6 ON MAR 22	0.197 ON JUL 21	47 300	1980
1981	22.1 AT 00:01 EST ON FEB 20	21.2 ON FEB 20	0.270B ON JAN 10	49 900	1981
1982	---	26.0 B ON MAR 16	0.176 ON SEP 07	71 100	1982
1983	14.8 AT 20:43 EST ON AUG 04	12.7 ON DEC 07	0.178 ON JUL 19	70 400	1983
1984	23.7 AT 21:38 EST ON FEB 15	21.7 ON FEB 15	0.182 ON JUL 29	76 200	1984
1985	42.6 AT 23:32 EST ON FEB 25	41.2 ON FEB 25 *	0.133 ON AUG 04	87 800	1985
1986	17.8 AT 09:30 EST ON MAR 20	16.9 ON MAR 20	0.296 ON SEP 09	78 700	1986
1987	20.6 AT 21:49 EST ON APR 06	19.8 ON APR 06	0.157 ON AUG 07	40 700	1987
1988	7.68 AT 08:36 EST ON MAR 27	7.44 ON MAR 27	0.051 ON JUL 15	31 600	1988
1989	7.55 AT 21:28 EST ON APR 04	7.26 ON MAR 29	0.112 ON AUG 12	36 300	1989
1990	31.3 AT 09:11 EST ON DEC 31	29.1 ON DEC 31	0.221 ON AUG 06	75 200	1990
				54 400	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX) B - ICE CONDITIONS * - EXTREME RECORDED FOR THE PERIOD OF RECORD

MCVICAR CREEK AT THUNDER BAY - STATION NO. 02AB019

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1985	---	---	---	---	---	---	---	---	---	---	0.914R	0.456R	---	1985
1986	0.066	0.052	0.079	2.01	0.960	0.244	0.192	0.135	0.155	0.162	0.410	0.114	0.381	1986
1987	0.056	0.036	0.040	0.208	0.194	0.121	0.034	0.117	0.167	0.170	0.149	0.027	0.116	1987
1988	0.002	0.001	0.007	0.535	0.442	0.091	0.037	0.460	0.377	0.327	0.721	0.132	0.261	1988
1989	0.065	0.033	0.033	1.09	1.27	0.466	0.119	0.107	0.153	0.073	0.089	0.023	0.295	1989
1990	0.006	0.001	0.065	0.622	0.750	0.716	0.352	0.106	0.132	0.379	0.239	0.063	0.287	1990
MEAN	0.043	0.025	0.045	0.909	0.723	0.328	0.147	0.185	0.197	0.222	0.420R	0.136R	0.268R	MEAN

LOCATION - LAT 48 26 58 N LONG 089 13 09 W DRAINAGE AREA, 46.4 km^2 NATURAL FLOW

R - REVISED SINCE JAN 01 1989

REMARKS - STATION ACTIVATED OCT 29 1985

MCVICAR CREEK AT THUNDER BAY - STATION NO. 02AB019

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1985	---	---	---	---	1985
1986	3.36 AT 06:00 EST ON APR 27	3.06 ON APR 27 *	0.048B ON MAR 12	12 000	1986
1987	---	0.529 ON NOV 18	0.007B ON DEC 31	3 670	1987
1988	4.00 AT 01:30 EST ON AUG 14 *	2.96 ON NOV 17	0.001B ON JAN 10 *	8 240	1988
1989	2.71 AT 03:15 EST ON APR 26	2.63 ON APR 27	0.009 ON AUG 18	9 300	1989
1990	2.91 AT 22:49 EST ON APR 27	2.53 ON APR 28	0.001B ON FEB 08	9 040	1990
				8 450	MEAN

B - ICE CONDITIONS * - EXTREME RECORDED FOR THE PERIOD OF RECORD

MEDWAY RIVER AT LONDON - STATION NO. 02GD008

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1945	---	---	---	---	---	---	---	---	---	---	---	---	---	1945
1946	---	---	10.8	0.543	0.374	0.399	0.220	0.201	0.162	5.36	1.46	---	---	1946
1947	---	---	8.81	15.5	3.65	6.33	1.07	0.565	0.560	0.230	0.215	---	---	1947
1948	---	---	10.2	6.50	4.37	0.458	0.207	0.105	0.028	0.582	0.737	1.63	---	1948
1949	3.27	7.18	4.01	0.898	0.179	0.088	0.092	0.084	0.092	0.067	0.637	0.477	---	1949
										0.700	0.413	7.37	2.01	
1950	6.26	1.77	6.97	6.35	0.384	0.150	0.233	0.392	0.161	0.265	2.47	3.86	2.45	1950
1951	5.43	6.04	5.86	5.06	0.743	0.427	0.371	0.187	0.185	0.243	2.11	1.70	2.34	1951
1952	3.94	3.61	5.42	4.55	3.08	0.379	0.270	0.266	0.234	0.255	0.317	0.524	1.90	1952
1953	0.888	1.63	5.81	3.94	3.20	2.04	0.199	0.250	0.181	0.029	0.345	0.571	1.59	1953
1954	1.13	10.4	8.23	6.29	1.11	0.126	0.032	0.034	0.047	3.59	2.32	3.11	2.98	1954
1955	3.44	2.30	9.07	2.81	0.228	0.017	0.036	0.011	0.014	0.209	0.606	1.75	1.71	1955
1956	1.06	2.18	11.1	5.66	6.35	0.698	0.706	---	---	---	---	---	---	1956
1957	---	---	3.17	3.47	---	---	---	---	---	---	---	---	---	1957
1958	---	---	7.86	1.09	---	---	---	---	---	---	---	---	---	1958
1959	---	---	11.8	4.90	---	---	---	---	---	---	---	---	---	1959
1960	---	---	3.68	---	---	---	---	---	---	---	---	---	---	1960
1961	---	---	2.85	3.37	---	---	---	---	---	---	---	---	---	1961
1962	---	---	---	2.41	---	---	---	---	---	---	---	---	---	1962
1963	---	---	---	2.17	---	---	---	---	---	---	---	---	---	1963
1964	---	---	---	2.88	---	---	---	---	---	---	---	---	---	1964
1965	---	---	---	6.63	---	---	---	---	---	---	---	---	---	1965
1966	---	---	3.63	1.65	---	---	---	---	---	---	---	---	---	1966
1967	---	---	---	7.07	---	---	---	---	---	---	---	---	---	1967
1968	---	---	---	1.16	---	---	---	---	---	---	---	---	---	1968
1969	---	---	---	4.42	---	---	---	---	---	---	---	---	---	1969
1970	---	---	4.90	4.59	---	---	---	---	0.135	0.227	3.44	5.27	---	1970
1971	1.22	1.58	9.29	4.71	0.576	0.142	0.134	0.314	0.156	0.125	0.187	1.04	1.63	1971
1972	1.64	0.632	6.78	5.71	3.17	0.535	0.545	0.330	0.260	0.795	2.96	4.49	2.11	1972
1973	5.47	2.25	10.7	2.66	2.19	0.627	0.243	0.168	0.089	0.161	2.51	2.62	2.49	1973
1974	6.42	5.01	6.73	4.20	4.88	0.735	0.393	0.166	0.166	0.167	0.515	0.339	2.31	1974
1975	3.96	4.28	7.15	6.86	0.983	0.795	0.212	0.250	0.253	0.174	0.200	1.35	2.19	1975
1976	1.55	13.2	12.1	3.36	3.11	0.400	1.68	0.922	1.20	0.757	2.92	0.812	3.47	1976
1977	0.401	0.649	17.8	4.69	0.702	0.425	0.534	0.369	2.96	3.28	4.06	8.02	3.69	1977
1978	1.21	0.736	6.85	16.6	1.86	0.805	0.178	0.147	0.258	0.330	0.594	1.62	2.59	1978
1979	2.71	1.37	12.8	9.23	1.35	0.455	0.294	0.252	0.210	0.312	4.54	5.62	3.27	1979
1980	1.81	0.344	7.87	5.63	0.911	0.513	1.06	0.308	0.226	0.517	0.337	1.76	1.78	1980
1981	0.205	11.1	2.79	3.33	1.53	0.788	0.276	0.209	2.08	4.86	4.64	1.59	2.55	1981
1982	1.32	0.499	12.8	6.90	1.24	0.965	0.304	0.336	0.670	0.578	3.72	8.59	3.34	1982
1983	1.86	3.59	2.00	4.00	5.49	1.94	0.580	0.813	0.254	0.206	1.07	4.43	2.18	1983
1984	0.663	10.6	5.71	2.84	1.54	3.51	1.20	0.640	3.28	0.602	2.69	4.53	3.11	1984
1985	2.67	11.0	12.5	5.18	0.558	0.811	0.372	0.380	1.03	3.05	6.43	3.37	3.89	1985
1986	3.86	1.84	9.59	2.52	1.39	1.80	0.701	0.540	5.32	6.29	1.97	1.88	3.12	1986
1987	1.74	0.448	7.00	4.30	0.431	0.435	0.132	0.181	0.152	0.212	2.36	6.38	2.00	1987
1988	1.21	2.16	5.46	2.21	0.901	0.193	0.204	0.264	0.242	2.30	4.99	2.84	1.92	1988
1989	2.18	1.27	4.15	3.85	0.801	0.800	0.222	0.142	0.122	0.162	1.42	0.551	1.30	1989
1990	7.88	7.59	4.57	2.95	1.71	0.539	1.23	1.96	3.48	5.87	5.66	7.70	4.25	1990
MEAN	2.69	4.04	7.60	4.58	1.90	0.904	0.449	0.360	0.781	1.33	2.15	3.26	2.54	MEAN

LOCATION - LAT 43 00 50 N
LONG 081 16 39 W

DRAINAGE AREA, 200 km²
REGULATED SINCE 1970

MEDWAY RIVER AT LONDON - STATION NO. 02GD008

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1945	---	---	---	---	1945
1946	---	41.6 ON MAR 04	---	---	1946
1947	---	107 ON APR 05 *	---	---	1947
1948	---	66.8 ON MAR 20	0.028 ON JUN 26	---	1948
1949	---	54.9 ON DEC 22	0.057 ON AUG 18	63 300	1949
1950	---	---	---	---	1950
1951	---	52.9 ON APR 04	0.085 ON SEP 29	77 200	1951
1952	---	76.7B ON JAN 04	0.142 ON AUG 26	73 700	1952
1953	---	45.0 ON MAY 25	0.142 ON JUN 28	60 100	1953
1954	---	21.4 ON MAR 16	0 ON OCT 01 *	50 100	1954
		96.0 ON FEB 16	0 ON AUG 03	94 000	
1955	---	---	---	---	1955
1956	---	39.1 ON MAR 11	0 ON JUN 11	54 000	1956
1957	---	42.2 ON MAR 07	---	---	1957
1958	---	---	---	---	1958
1959	---	---	---	---	1959
1960	---	---	---	---	1960
1961	---	---	---	---	1961
1962	---	---	---	---	1962
1963	---	---	---	---	1963
1964	---	---	---	---	1964
1965	---	---	---	---	1965
1966	---	---	---	---	1966
1967	---	---	---	---	1967
1968	---	---	---	---	1968
1969	---	---	---	---	1969
1970	---	---	---	---	1970
1971	43.6 AT 04:42 EST ON MAR 16	37.1 ON MAR 16	0 ON JUN 27	51 300	1971
1972	50.1 AT 02:00 EST ON MAY 18	32.8B ON MAR 22	0.059E ON SEP 10	73 700	1972
1973	57.2 AT 02:06 EST ON MAR 12	36.2 ON MAR 12	0.022 ON SEP 03	78 500	1973
1974	66.0 AT 10:41 EST ON MAR 05	47.0 ON MAR 05	0.042 ON SEP 16	73 000	1974
1975	81.3 AT 12:35 EST ON APR 19	46.4 ON APR 19	0.071 ON NOV 16	69 100	1975
1976	118 AT 22:40 EST ON MAR 05	69.1 ON MAR 05	0.161 ON SEP 08	110 000	1976
1977	146 AT 08:59 EST ON MAR 13 *	104 ON MAR 13	0.082 ON SEP 04	116 000	1977
1978	94.6 AT 23:07 EST ON APR 01	64.0 ON APR 02	0.022 ON SEP 07	81 700	1978
1979	112 AT 06:54 EST ON APR 14	81.1 ON APR 14	0.044 ON AUG 26	103 000	1979
1980	91.6 AT 20:52 EST ON MAR 21	53.6 ON MAR 21	0.037 ON AUG 29	56 400	1980
1981	81.1 AT 21:22 EST ON FEB 23	60.5 ON FEB 23	0.037 ON AUG 25	80 400	1981
1982	115 AT 09:50 EST ON MAR 31	75.8 ON MAR 31	0.042 ON AUG 18	105 000	1982
1983	59.0 AT 15:41 EST ON MAY 02	25.2 ON MAY 03	0.066 ON OCT 20	68 700	1983
1984	103 AT 18:09 EST ON FEB 14	85.0 ON FEB 14	0.179 ON AUG 25	98 300	1984
1985	102 AT 22:56 EST ON FEB 24	86.8 ON FEB 25	0.026 ON AUG 04	123 000	1985
1986	67.6 AT 15:49 EST ON SEP 30	46.7 ON SEP 30	0.108 ON SEP 07	105 000	1986
1987	59.7 AT 04:46 EST ON MAR 09	39.5 ON MAR 09	0.010 ON JUL 12	62 900	1987
1988	25.4 AT 05:21 EST ON MAR 26	21.1 ON MAR 26	0.020 ON JUL 10	60 600	1988
1989	15.6 AT 14:06 EST ON MAR 29	14.1 ON MAR 29	0.026 ON AUG 07	41 100	1989
1990	70.7 AT 08:39 EST ON DEC 30	57.9 ON DEC 30	0.202 ON JUL 07	134 000	1990
				80 200	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

MICHELL CREEK BELOW CLAREMONT - STATION NO. 02HC045

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1974	---	---	---	---	---	---	0.142	0.050	0.058	0.071	0.116	0.099	---	1974
1975	0.160	0.483	0.389	0.420	0.131	0.078	0.041	0.046	0.056	0.056	0.100	0.137	0.172	1975
1976	0.079	0.296	0.863	0.262	0.210	0.076	0.176	0.074	0.135	0.121	0.103	0.077	0.206	1976
1977	0.056	0.057	0.685	0.242	0.071	0.099	0.067	0.085	0.316	0.207	0.413	0.385	0.231	1977
1978	0.260	0.119	0.270	1.06	0.381	0.068	0.046	0.073	0.097	0.118	0.146	0.131	0.230	1978
1979	0.287	0.305	1.50	0.397	0.194	0.077	0.061	0.061	0.070	0.145	0.268	0.369	0.312	1979
1980	0.115	0.046	0.808	0.679	0.115	0.102	0.176	0.079	0.107	0.120	0.148	0.267	0.231	1980
1981	0.080	0.705	0.156	0.151	0.135	0.089	0.060	0.237	0.171	0.273	0.230	0.121	0.198	1981
1982	0.106	0.081	0.622	0.627	---	---	---	---	---	---	---	---	---	1982
MEAN	0.144	0.262	0.662	0.480	0.177	0.084	0.096	0.088	0.126	0.149	0.191	0.198	0.226	MEAN

LOCATION - LAT 43 57 40 N
LONG 079 07 41 W
DRAINAGE AREA, 25.9 km^2
NATURAL FLOW

MICHELL CREEK BELOW CLAREMONT - STATION NO. 02HC045

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1974	---	---	---	---	1974
1975	14.8 AT 19:12 EST ON FEB 24	7.02 ON FEB 24	0.025 ON AUG 10 *	5 430	1975
1976	9.83 AT 02:31 EST ON MAR 21	6.14 ON MAR 21	0.034 ON AUG 23	6 520	1976
1977	11.6 AT 04:51 EST ON MAR 13	5.86 ON MAR 13	0.047 ON JUL 28	7 290	1977
1978	11.8 AT 12:57 EST ON MAY 14	5.52 ON APR 07	0.037 ON JUL 16	7 270	1978
1979	9.64 AT 04:42 EST ON MAR 14	5.16 ON MAR 05	0.037 ON JUL 23	9 840	1979
1980	---	7.50B ON MAR 21	0.030B ON MAR 07	7 300	1980
1981	8.14 AT 20:34 EST ON AUG 04	4.60B ON FEB 20	0.039 ON JUL 17	6 240	1981
1982	15.9 AT 14:55 EST ON MAR 31 *	7.62 ON MAR 31 *	---	---	1982
				7 130	MEAN

B - ICE CONDITIONS
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

MICHIPICOTEN RIVER AT HIGH FALLS - STATION NO. 02BD002

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1920	---	---	---	---	---	---	---	44.0	17.8	19.7	16.2	15.4	---	1920
1921	21.4	17.9	22.8	108	115	67.5	35.3	26.5	19.2	18.2	17.2	---	---	1921
1922	---	---	---	60.7	263	91.4	45.5	34.0	17.7	15.0	18.0	---	---	1922
1923	---	---	---	---	124	47.7	27.4	---	---	---	67.9	47.4	---	1923
1924	32.8	27.0	27.0	34.1	69.9	75.9	53.1	43.9	39.5	20.4	27.5	29.4	40.1	1924
1925	---	29.9	31.3	81.0	148	124	90.9	76.7	26.0	24.6	36.8	34.6	---	1925
1926	29.5	25.6	---	20.8	90.1	102	162	88.2	114	94.3	99.6	77.9	---	1926
1927	46.3	35.4	42.7	123	179	125	88.7	49.6	30.1	61.7	74.9	57.6	76.7	1927
1928	42.2	33.5	36.2	80.8	240	216	209	100	126	208	154	77.5	127	1928
1929	43.3	32.1	31.8	99.8	133	111	89.1	37.4	28.8	39.7	---	---	---	1929
1930	---	---	---	---	185	189	179	---	24.2	23.5	---	---	---	1930
1931	---	---	---	---	174	98.1	72.8	18.1	19.0	46.9	---	---	---	1931
1932	---	---	---	---	176	82.8	74.4	38.7	21.7	35.3	68.6	47.2	---	1932
1933	44.6	45.6	35.9	123	---	116	34.7	47.6	16.8	24.8	33.3	24.3	---	1933
1934	26.2	23.9	26.8	43.7	246	61.2	51.0	33.6	55.3	49.3	71.6	88.1	65.2	1934
1935	61.5	50.4	47.2	91.6	190	125	109	75.2	37.3	50.2	64.0	49.0	79.4	1935
1936	45.8	42.9	43.8	61.8	275	112	63.2	65.5	44.8	31.9	35.8	31.2	71.4	1936
1937	46.2	26.8	26.9	70.7	142	55.5	59.4	58.7	56.5	67.6	74.6	68.4	61.2	1937
1938	40.5	36.4	37.5	179	199	102	72.6	44.1	31.9	33.5	38.0	33.6	78.1	1938
1939	40.0	40.9	40.6	72.9	337	157	99.7	29.9	36.8	50.8	40.4	43.2	82.8	1939
1940	44.7	34.5	31.9	39.7	160	164	74.1	35.6	30.5	31.7	41.7	38.2	60.6	1940
1941	42.6	41.3	40.0	149	150	67.8	31.6	26.8	40.5	152	120	101	81.2	1941
1942	73.9	45.7	45.7	136	183	71.6	32.2	33.5	46.0	72.8	145	86.7	81.1	1942
1943	55.5	50.6	46.8	93.6	167	180	78.3	36.3	31.8	32.1	33.0	27.8	66.9	1943
1944	24.8	30.3	34.1	72.1	177	96.4	38.3	32.2	33.0	55.8	44.3	39.4	56.6	1944
1945	37.5	29.0	54.2	171	87.3	110	57.0	34.9	30.0	28.9	106	74.7	68.3	1945
1946	58.3	48.3	69.4	116	147	128	54.3	34.5	27.8	39.3	86.3	77.8	74.0	1946
1947	60.2	51.4	49.8	74.2	323	342	95.4	49.1	44.8	41.8	27.6	22.4	98.6	1947
1948	27.4	30.4	26.5	112	101	34.9	33.7	38.1	29.8	25.1	40.1	45.6	45.3	1948
1949	40.9	44.1	42.4	115	251	60.4	43.4	31.1	32.5	36.9	48.1	25.5	64.4	1949
1950	39.9	35.4	35.1	42.7	270	193	118	45.1	35.0	35.0	51.2	68.2	81.0	1950
1951	54.0	57.2	62.4	164	178	61.0	58.3	56.8	55.6	74.3	103	77.6	83.6	1951
1952	64.7	69.8	69.9	101	86.3	102	87.7	59.9	60.9	55.7	48.3	49.4	71.6	1952
1953	57.4	57.8	58.8	74.8	224	111	66.5	44.3	42.6	35.6	35.5	40.4	70.2	1953
1954	40.6	50.5	45.3	76.5	152	71.5	51.8	46.8	48.1	44.5	44.3	52.9	60.5	1954
1955	51.4	50.8	37.0	86.2	60.0	47.4	45.7	40.1	36.3	46.5	43.5	40.5	48.7	1955
1956	50.9	50.4	47.1	40.2	101	57.4	57.9	52.6	81.4	66.2	61.3	60.0	60.5	1956
1957	62.1	60.8	53.0	129	129	49.3	47.3	57.7	50.3	52.3	59.6	48.8	66.6	1957
1958	52.9	54.9	48.9	73.2	56.7	44.6	45.9	37.1	52.1	58.8	53.6	55.2	52.7	1958
1959	56.7	62.7	59.0	66.3	118	48.4	48.3	47.2	80.3	149	122	65.7	77.0	1959
1960	58.7	61.9	62.9	114	377	114	67.7	47.0	39.2	34.7	36.1	40.9	86.5	1960
1961	53.0	57.1	62.9	60.0	79.0	96.9	56.4	48.0	52.9	83.6	84.9	71.4	67.7	1961
1962	66.5	69.4	71.5	74.8	104	58.0	48.0	46.4	52.9	86.4	68.7	63.7	65.8	1962
1963	66.8	71.2	80.5	72.9	69.8	74.5	72.8	64.9	66.9	53.8	43.8	58.6	66.3	1963
1964	66.4	69.4	67.9	70.5	62.9	55.2	57.8	67.2	68.2	82.9	91.8	71.6	69.3	1964
1965	74.8	83.0	87.2	86.4	93.0	86.4	64.3	69.2	66.8	104	93.6	83.8	82.7	1965
1966	72.9	72.0	70.9	78.2	149	108	63.6	64.5	62.8	55.2	67.1	62.4	77.3	1966
1967	70.9	81.5	83.7	108	176	93.4	73.6	70.2	68.9	74.9	68.4	55.6	85.5	1967
1968	65.5	63.7	44.5	74.0	61.9	55.4	90.2	84.5	70.4	97.8	92.3	85.4	73.7	1968
1969	85.3	86.6	88.3	98.1	109	90.0	70.3	20.1	16.8	40.1	59.0	61.1	68.7	1969
1970	70.2	76.5	67.3	74.4	79.6	92.7	81.9	82.2	65.5	68.8	69.3	63.8	74.3	1970
1971	65.9	67.6	83.5	104	121	125	87.9	72.6	65.2	46.3	46.6	47.9	77.8	1971
1972	65.7	70.4	79.4	86.2	81.5	86.1	75.0	107	109	104	97.2	69.3	84.0	1972
1973	75.3	72.7	93.0	112	191	77.5	77.4	77.5	77.0	70.8	71.0	69.1	88.9	1973
1974	66.2	80.3	69.9	80.3	71.3	73.8	73.2	72.1	73.8	79.9	86.5	69.0	74.6	1974
1975	81.1	88.0	85.4	83.9	96.3	58.5	65.1	47.5	54.5	42.6	19.9	37.6	63.3	1975
1976	73.4	72.1	67.3	91.6	121	69.4	63.1	61.9	42.5	32.8	26.5	29.0	60.8	1976
1977	86.1	87.8	81.1	69.6	51.2	50.7	56.1	58.6	46.6	41.3	28.9	30.1	50.8	1977
1978	80.6	79.5	78.4	80.5	65.2	49.8	59.1	82.5	77.2	50.9	75.1	72.2	70.9	1978
1979	71.2	82.8	75.7	85.7	258	220	89.6	71.2	59.3	76.7	67.0	70.8	102	1979
1980	76.0	84.4	68.2	66.0	58.9	48.2	61.3	65.8	62.9	77.0	65.4	70.4	67.0	1980
1981	63.2	64.1	50.0	60.0	52.3	66.5	72.2	71.1	64.1	48.8	39.4	52.3	59.2	1981
1982	66.3	67.4	54.7	56.1	69.5	69.8	69.6	73.0	66.1	65.4	83.6	95.2	68.9	1982
1983	86.6	82.2	85.5	81.1	92.5	155	67.3	69.3	68.0	74.6	71.4	73.9	83.8	1983
1984	75.2	75.2	77.2	70.9	76.5	73.0	60.2	65.7	65.5	60.4	72.2	71.0	70.2	1984
1985	63.0	77.5	76.2	88.7	63.4	68.2	69.3	76.3	67.6	78.1	90.8	81.2	75.0	1985
1986	75.5	75.8	78.4	80.7	74.4	76.2	36.3	34.5	46.1	46.1	70.6	74.5	63.9	1986
1987	75.0	75.3	74.7	66.0	70.5	45.6	35.3	19.6	27.4	23.1	32.3	37.7	48.4	1987
1988	52.0	51.6	46.1	56.6	60.8	65.7	47.9	38.9	49.1	42.5	41.9	78.0	52.5	1988
1989	84.6	86.7	82.2	78.8	159	121	57.7	53.5	59.7	49.7	59.7	65.1	79.7	1989
1990	63.0	67.2	63.3	69.3	53.2	59.9	82.4	74.3	66.4	56.9	82.4	80.7	68.3	1990
MEAN	56.5	56.4	56.5	85.3	140	96.3	68.1	53.7	50.5	56.9	63.4	58.6	71.3	MEAN

LOCATION - LAT 47 54 05 N DRAINAGE AREA, 5 130 km²
LONG 084 42 35 W REGULATED SINCE 1929

MICHIPICOTEN RIVER AT HIGH FALLS - STATION NO. 02BD002

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1920	---	---	---	---	1920
1921	---	---	---	---	1921
1922	---	149 ON APR 27	16.4 ON FEB 07	---	1922
1923	---	368 ON MAY 08	---	---	1923
1924	---	202 ON MAY 08	---	---	1924
1925	---	97.4 ON JUN 03	17.0 ON OCT 23	1 270 000	1925
1926	---	---	---	---	1926
1927	---	---	---	---	1927
1928	---	231 ON APR 23	24.9 ON SEP 27	2 420 000	1928
1929	---	323 ON MAY 11	29.7 RB ON MAR 11	4 010 000	1929
1930	---	157 R ON MAY 27	---	---	1930
1931	---	232 R ON MAY 08	---	---	1931
1932	---	212 R ON APR 24	---	---	1932
1933	---	---	---	---	1933
1934	---	---	---	---	1934
1935	---	430 ON MAY 07	11.9 ON SEP 03	2 050 000	1935
1936	---	253 ON MAY 16	21.0 ON SEP 22	2 500 000	1936
1937	---	430 ON MAY 16	24.1 R ON DEC 29	2 560 000	1937
1938	---	286 ON MAY 03	22.4 RB ON JAN 08	1 930 000	1938
1939	---	470 ON APR 30	17.1 ON OCT 29	2 460 000	1939
1940	---	688 ON MAY 10 *	22.4 ON AUG 14	2 610 000	1940
1941	---	222 ON MAY 22	21.0 ON AUG 25	1 920 000	1941
1942	---	269 ON APR 21	17.1 ON SEP 01	2 560 000	1942
1943	---	231 ON APR 26	19.0 ON AUG 09	2 560 000	1943
1944	---	269 ON MAY 08	25.2 ON SEP 04	2 110 000	1944
1945	---	323 ON MAY 05	22.9 ON JAN 06	1 790 000	1945
1946	---	222 ON APR 13	22.9 ON MAR 03	2 160 000	1946
1947	---	267 ON MAY 29	25.5 ON SEP 02	2 330 000	1947
1948	---	595 ON JUN 16	19.8 ON NOV 30	2 110 000	1948
1949	---	345 ON APR 28	18.1 ON JAN 02	1 430 000	1949
1950	---	515 ON MAY 06	23.5 ON JUL 23	2 030 000	1950
1951	---	411 ON MAY 23	27.8 ON JAN 01	2 550 000	1951
1952	---	286 ON MAY 05	49.3 ON SEP 22	2 640 000	1952
1953	---	198 ON APR 23	37.9 ON DEC 19	2 250 000	1953
1954	---	320 ON MAY 08	11.2 ON SEP 04	2 230 000	1954
1955	---	255 ON MAY 02	22.2 ON NOV 07	1 910 000	1955
1956	---	196 ON APR 25	13.0 ON JUL 01	1 540 000	1956
1957	---	196 ON MAY 16	20.5 ON APR 08	1 920 000	1957
1958	---	498 ON APR 27	4.39 ON SEP 02	2 100 000	1958
1959	---	109 ON APR 23	19.3 ON AUG 16	1 660 000	1959
1960	---	283 ON OCT 25	27.4 ON MAY 21	2 430 000	1960
1961	---	496 ON MAY 14	20.6 ON OCT 30	2 730 000	1961
1962	215 AT 08:00 EST ON JUN 18	169 ON JUN 05	14.4 ON AUG 06	2 140 000	1962
1963	130 AT 21:00 EST ON JUN 20	164 ON MAY 04	22.4 ON DEC 25	2 080 000	1963
1964	117 AT 21:45 EST ON NOV 14	112 ON JUN 21	10.4 ON NOV 17	2 090 000	1964
1965	259 AT 13:45 EST ON OCT 12	115 ON NOV 15	15.9 ON JUL 01	2 190 000	1965
1966	306 AT 14:00 EST ON MAY 23	144 ON OCT 08	36.5 ON JUL 01	2 610 000	1966
1967	253 AT 08:30 EST ON MAY 04	294 ON MAY 23	25.1 ON OCT 31	2 370 000	1967
1968	235 AT 08:45 EST ON AUG 19	243 ON MAY 05	24.4 ON DEC 25	2 690 000	1968
1969	150 AT 08:50 EST ON JAN 27	211 E ON JUL 22	16.5 ON MAR 24	2 330 000	1969
1970	161 AT 21:35 EST ON JUN 01	125 ON MAY 05	3.03 ON SEP 01	2 170 000	1970
1971	230 AT 05:54 EST ON JUN 05	117 ON MAY 01	25.7 ON FEB 01	2 340 000	1971
1972	221 AT 15:23 EST ON JAN 03	223 E ON MAY 31	17.0 ON OCT 31	2 450 000	1972
1973	254 AT 18:21 EST ON MAY 11 *	206 ON AUG 26	15.6 ON MAY 28	2 660 000	1973
1974	180 AT 14:22 EST ON JUN 27	337 ON MAY 12	22.4 ON DEC 25	2 800 000	1974
1975	175 AT 19:06 EST ON MAY 06	167 ON MAY 03	13.8 ON JAN 01	2 350 000	1975
1976	185E AT 15:00 EST ON MAY 06	170 ON MAY 06	12.8 ON NOV 26	2 000 000	1976
1977	157 AT 14:20 EST ON APR 19	181 ON MAY 07	0.181 ON DEC 25 *	1 920 000	1977
1978	---	113 ON APR 22	0.680 ON JAN 11	1 600 000	1978
1979	---	91.5 ON APR 07	24.3 ON JUL 01	2 230 000	1979
1980	---	429 ON MAY 21	15.6 ON DEC 25	3 230 000	1980
1981	---	106 ON APR 28	12.9 ON SEP 01	2 120 000	1981
1982	---	143 ON MAY 06	10.1 ON NOV 17	1 870 000	1982
1983	---	123 ON MAY 03	14.6 ON MAR 22	2 170 000	1983
1984	---	249 ON JUN 04	31.8 ON SEP 05	2 640 000	1984
1985	---	131 ON MAY 01	19.5 ON JUL 02	2 220 000	1985
1986	---	176 ON APR 25	31.0 ON SEP 02	2 360 000	1986
1987	---	91.7 ON APR 07	14.9 ON AUG 03	2 020 000	1987
1988	---	83.6 ON APR 01	13.6 ON AUG 10	1 530 000	1988
1989	---	88.3 ON DEC 25	10.7 ON AUG 24	1 660 000	1989
1990	---	290 ON MAY 26	11.1 ON DEC 25	2 510 000	1990
		129 ON JUL 09	23.2 ON MAY 27	2 150 000	MEAN

B - ICE CONDITIONS
E - ESTIMATED

* - EXTREME RECORDED FOR THE PERIOD OF RECORD
R - REVISED SINCE JAN 01 1989

MIDDLE MAITLAND RIVER ABOVE EXHEL - STATION NO. 02FE013

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1983	---	---	---	---	---	---	---	---	---	---	---	---	---	1983
1984	1.58	26.3	12.4	6.43	1.55	2.77	0.311	0.141	0.807	0.408	6.69	7.63	---	1984
											7.01	14.1	6.06	
1985	3.67	8.43	32.9	19.7	1.68	1.06	0.355	5.15	4.90	5.31	13.8	6.10	8.57	1985
1986	4.64	2.15	27.6	5.75	3.26	1.70	0.507	3.74	28.4	18.0	3.70	5.03	8.75	1986
1987	2.65	1.02	18.6	7.98	0.646	0.729	7.66	3.11	0.346	2.12	9.36	12.8	5.64	1987
1988	4.84	2.83	18.2	6.05	2.36	0.241	0.090	0.075	0.302	1.98	10.2	6.14	4.86	1988
1989	7.69	2.76	12.0	10.2	1.41	2.28	0.225	0.194	0.214	0.380	5.58	1.36	3.69	1989
1990	10.2	9.18	13.8	5.56	2.42	1.35	0.918	0.406	0.835	13.5	14.8	14.0	7.25	1990
MEAN	5.04	7.96	19.4	8.81	1.90	1.45	1.44	1.83	5.11	6.24	8.89	8.40	6.40	MEAN

LOCATION - LAT 43 43 05 N LONG 081 07 28 W DRAINAGE AREA, 416 km^2 NATURAL FLOW

REMARKS - GAUGE OPERATIONAL OCT 26 1983

MIDDLE MAITLAND RIVER ABOVE ETHEL - STATION NO. 02FE013

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1983	32.9B AT 21:28 EST ON DEC 13	---	---	---	1983
1984	88.0 AT 15:17 EST ON DEC 30	84.7 ON DEC 30	0.046 ON AUG 16	192 000	1984
1985	126 AT 13:30 EST ON MAR 29 *	121 ON MAR 29 *	0.090 ON JUL 30	270 000	1985
1986	108 AT 03:22 EST ON SEP 13	104 ON SEP 13	0.163 ON AUG 13	276 000	1986
1987	56.4 AT 21:31 EST ON NOV 26	50.5 ON NOV 26	0.117 ON JUN 21	178 000	1987
1988	76.6 AT 20:07 EST ON MAR 26	72.3 ON MAR 26	0.014 ON AUG 22 *	154 000	1988
1989	55.4 AT 15:48 EST ON MAR 29	52.1 ON MAR 29	0.082 ON AUG 28	116 000	1989
1990	78.0 AT 23:56 EST ON DEC 30	73.4 ON DEC 31	0.148 ON JUL 29	229 000	1990
	B - ICE CONDITIONS	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		202 000	MEAN

MIDDLE MAITLAND RIVER NEAR BELGRAVE - STATION NO. 02FE008

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1967	---	---	---	---	---	---	---	---	---	10.7	21.4	19.5	---	1967
1968	4.81	27.1	24.9	9.08	2.71	1.30	0.725	3.66	2.83	7.08	13.5	15.7	9.39	1968
1969	14.0	16.1	23.6	38.5	15.9	1.92	0.814	0.574	0.277	0.546	4.82	3.63	9.99	1969
1970	2.26	3.33	6.99	35.9	5.43	1.24	1.24	0.644	0.667	1.63	4.60	10.4	6.18	1970
1971	4.28	4.35	16.6	39.3	2.30	2.42	0.746	0.400	0.293	0.304	0.412	4.73	6.32	1971
1972	6.30	3.39	12.7	44.8	5.26	2.84	6.71	0.483	0.319	2.60	5.79	13.2	8.17	1972
1973	22.6	7.99	34.0	9.11	8.65	2.08	0.547	0.382	0.203	0.278	3.37	5.51	7.94	1973
1974	17.7	8.82	24.9	25.9	20.7	1.62	0.447	0.222	0.211	0.298	2.28	1.44	8.72	1974
1975	9.16	8.59	23.8	40.0	3.69	2.21	0.641	19.0	10.2	2.43	5.97	17.4	11.9	1975
1976	6.42	23.3	61.8	14.8	9.94	0.909	1.57	0.593	0.956	1.35	4.30	3.48	10.8	1976
1977	4.68	2.18	51.9	8.54	1.06	0.481	0.393	2.51	5.93	10.8	10.1	10.6	8.99	1977
1978	4.65	2.99	10.0	51.7	5.02	1.76	0.419	0.301	2.82	4.43	4.02	4.68	7.69	1978
1979	6.55	2.67	47.5	33.5	4.96	0.982	0.543	0.364	0.259	2.05	14.7	22.0	11.4	1979
1980	4.35	1.51	27.3	23.4	4.70	1.46	0.523	0.380	0.589	2.08	2.34	8.35	6.44	1980
1981	2.17	36.9	10.1	7.06	6.85	1.55	0.499	0.459	3.39	13.0	6.86	5.46	7.66	1981
1982	3.08	1.48	24.8	45.0	1.94	6.29	1.24	1.50	2.06	1.76	18.7	28.4	11.4	1982
1983	5.95	9.11	8.05	10.5	15.5	4.00	0.722	0.741	4.60	5.22	8.57	12.8	7.09	1983
1984	3.93	43.9	18.8	10.3	2.63	4.51	0.683	0.452	1.71	1.01	10.4	17.5	9.50	1984
1985	6.29	17.1	51.1	32.2	2.88	1.80	0.845	5.41	6.70	8.11	19.8	9.06	13.4	1985
1986	7.39	4.46	41.3	9.45	5.32	2.70	0.899	4.85	41.0	27.1	6.10	8.46	13.3	1986
1987	4.64	2.10	27.0	12.8	1.34	1.26	0.93	4.37	0.712	3.92	14.3	20.3	8.61	1987
1988	7.67	9.19	30.2	9.69	3.51	0.519	0.278	0.238	0.642	8.80	17.3	9.91	8.16	1988
1989	11.9	5.13	18.6	15.9	2.49	5.99	0.593	0.394	0.422	0.718	10.1	3.05	6.26	1989
1990	17.1	14.7	21.6	9.32	4.97	1.74	1.35	0.589	0.832	21.0	24.5	22.7	11.7	1990
MEAN	7.63	11.1	26.8	23.4	5.90	2.24	1.22	2.11	3.81	5.72	9.76	11.6	9.17	MEAN

LOCATION - LAT 43 48 46 N LONG 081 10 25 W DRAINAGE AREA, 648 km^2 NATURAL FLOW

MIDDLE MAITLAND RIVER NEAR BELGRAVE - STATION NO. 02FE008

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1967	---	---	---	---	1967
1968	145 AT 02:30 EST ON FEB 04	134 ON FEB 04	0.283 ON JUL 29	297 000	1968
1969	154 AT 03:30 EST ON APR 06	147 ON APR 06	0.238 ON SEP 08	315 000	1969
1970	154 AT 21:08 EST ON APR 10	145 ON APR 10	0.354 ON AUG 17	195 000	1970
1971	---	116 A ON APR 10	0.241 ON SEP 19	199 000	1971
1972	159 AT 22:23 EST ON APR 14	149 ON APR 14	0.275 ON SEP 13	258 000	1972
1973	89.8 AT 01:50 EST ON MAR 13	87.2 ON JAN 01	0.161 ON OCT 08	250 000	1973
1974	142 AT 20:44 EST ON MAR 05	130 ON MAY 18	0.181 ON SEP 11	275 000	1974
1975	251 AT 05:01 EST ON APR 20	237 ON APR 20	0.283E ON JUL 06	376 000	1975
1976	255 AT 01:24 EST ON MAR 22	230 ON MAR 22	0.371 ON AUG 11	341 000	1976
1977	306 AT 00:40 EST ON MAR 15 *	282 ON MAR 15 *	0.195 ON JUL 28	284 000	1977
1978	159 AT 03:21 EST ON APR 08	152 ON APR 06	0.238 ON AUG 14	243 000	1978
1979	188 AT 03:03 EST ON APR 15	173 ON APR 15	0.189 ON SEP 28	360 000	1979
1980	138 AT 02:45 EST ON MAR 23	125 B ON MAR 22	0.217 ON AUG 27	204 000	1980
1981	220 AT 16:41 EST ON FEB 23	200 ON FEB 23	0.203 ON AUG 27	242 000	1981
1982	228 AT 03:06 EST ON APR 02	208 ON APR 02	0.426 ON AUG 22	360 000	1982
1983	54.6 AT 05:47 EST ON DEC 14	49.8 ON DEC 14	0.222 ON AUG 29	224 000	1983
1984	128 AT 11:00 EST ON FEB 20	125 ON FEB 20	0.160 ON AUG 21	300 000	1984
1985	196 AT 20:13 EST ON MAR 29	186 ON MAR 29	0.251 ON AUG 14	422 000	1985
1986	143 AT 08:52 EST ON SEP 13	139 ON SEP 13	0.364 ON AUG 22	420 000	1986
1987	70.1 AT 21:48 EST ON NOV 26	71.3 ON MAR 24	0.358 ON JUN 21	272 000	1987
1988	122 AT 00:24 EST ON MAR 27	115 ON MAR 26	0.116 ON JUL 19 *	258 000	1988
1989	82.7 AT 19:18 EST ON MAR 29	79.9 ON MAR 29	0.224 ON AUG 02	198 000	1989
1990	125 AT 05:45 EST ON DEC 31	115 ON DEC 31	0.296 ON AUG 11	369 000	1990
	A - MANUAL GAUGE (SEE REFERENCE INDEX) B - ICE CONDITIONS E - ESTIMATED	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		290 000	MEAN

MIDDLE MAITLAND RIVER NEAR LISTOWEL - STATION NO. 02FE003

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1953	---	---	4.02	1.35	2.63	1.06	0.353	0.142	0.068	0.021	0.074	0.174	---	
1954	0.170	2.71	4.74	2.54	0.401	0.105	0.028	0.028	0.085	3.18	0.924	0.947	1.31	1953 1954
1955	1.25	0.494	4.18	2.38	0.604	0.175	0.056	0.052	0.046	0.076	0.790	1.92	0.931	1955
1956	0.394	0.197	2.14	5.35	1.15	0.316	1.28	0.966	0.694	0.246	0.267	2.36	1.37	1956
1957	1.59	1.78	2.01	1.64	0.445	0.978	0.705	0.035	1.30	0.257	1.24	2.62	1.22	1957
1958	0.284	0.059	1.60	0.654	0.062	0.021	0.033	0.051	0.122	0.048	0.243	0.252	0.288	1958
1959	1.06	1.11	2.18	5.65	1.53	0.092	0.129	0.176	0.157	0.741	2.37	1.29	1.37	1959
1960	0.830	1.11	1.39	6.02	1.95	0.267	0.022	0.018	0.018	0.015	0.079	0.030	0.971	1960
1961	0.014	0.477	4.44	0.999	0.627	0.282	0.685	0.107	0.093	0.033	0.458	1.11	0.526	1961
1962	0.361	0.171	3.25	1.48	0.146	0.104	0.068	0.037	0.035	0.042	0.139	0.264	0.512	1962
1963	0.105	0.078	4.86	1.17	0.708	0.142	0.037	0.033	0.032	0.052	0.102	0.051	0.455	1963
1964	0.489	0.268	2.42	1.68	0.371	0.050	0.024	0.335	0.076	0.135	0.108	0.910	0.575	1964
1965	0.380	2.72	1.16	3.51	0.821	0.053	0.067	0.337	0.223	2.60	1.77	2.86	1.36	1965
1966	0.625	1.09	2.51	1.24	0.483	0.892	0.053	0.032	0.060	0.045	0.447	2.12	0.799	1966
1967	1.59	0.467	2.47	2.95	0.417	1.33	0.693	0.102	0.201	1.43	2.37	2.00	1.34	1967
1968	0.374	2.71	2.98	1.01	0.379	0.090	0.071	0.675	0.489	1.18	1.82	1.33	1.09	1968
1969	1.24	1.06	2.49	4.51	1.66	0.188	0.059	0.055	0.108	0.077	0.421	0.239	1.00	1969
1970	0.128	0.197	0.477	4.70	0.460	0.114	0.198	0.039	0.041	0.100	0.304	0.768	0.623	1970
1971	0.273	0.285	1.35	5.07	0.224	0.106	0.055	0.043	0.042	0.043	0.057	0.306	0.650	1971
1972	0.292	0.487	0.908	6.43	0.328	0.134	0.159	0.049	0.053	0.283	0.549	1.44	0.904	1972
1973	2.20	0.772	4.18	0.986	0.906	0.207	0.067	0.031	0.048	0.047	0.431	0.729	0.889	1973
1974	2.04	0.731	3.05	3.26	2.54	0.199	0.043	0.028	0.022	0.030	0.180	0.092	1.02	1974
1975	0.730	0.725	1.98	4.27	0.413	0.174	0.049	1.34	1.09	0.567	0.813	2.00	1.18	1975
1976	0.557	2.28	5.26	1.86	1.09	0.159	0.420	0.070	0.175	0.332	0.680	0.315	1.20	1976
1977	0.144	0.124	5.53	0.922	0.107	0.089	0.076	0.435	1.08	1.52	1.36	1.42	1.06	1977
1978	0.464	0.248	1.20	3.72	0.647	0.273	0.050	0.033	0.302	0.325	0.399	0.571	0.848	1978
1979	1.52	0.133	5.94	4.05	0.509	0.066	0.065	0.034	0.042	0.121	1.46	2.38	1.37	1979
1980	0.718	0.121	3.09	2.23	0.336	0.108	0.058	0.033	0.046	0.269	0.297	1.05	0.699	1980
1981	0.161	3.99	0.910	0.581	0.427	0.084	0.034	0.072	0.312	1.53	0.861	0.557	0.771	1981
1982	0.229	0.078	2.75	3.46	0.151	1.13	0.126	0.200	0.223	0.215	2.70	1.87	1.22	1982
1983	0.596	0.956	1.06	1.10	1.65	0.363	0.037	0.045	0.338	0.516	0.990	1.07	0.725	1983
1984	0.285	4.51	2.10	1.03	0.226	0.271	0.059	0.037	0.072	0.065	0.773	2.07	0.943	1984
1985	0.516	2.51	4.79	3.24	0.325	0.206	0.086	0.247	0.361	0.604	2.28	3.67	1.56	1985
1986	1.19	0.327	4.48	0.848	0.635	0.241	0.043	0.402	6.16	2.68	0.572	0.673	1.53	1986
1987	0.494	0.187	2.95	1.32	0.179	0.146	0.359	0.136	0.033	0.183	1.41	1.08	0.778	1987
1988	0.823	1.00	2.98	1.07	0.512	0.047	0.030	0.026	0.072	0.503	1.53	0.905	0.791	1988
1989	1.21	0.459	2.49	1.73	0.322	0.206	0.019	0.033	0.041	0.048	0.727	0.196	0.623	1989
1990	1.65	1.50	2.77	0.927	0.475	0.229	0.090	0.072	0.195	2.38	2.87	2.63	1.32	1990
MEAN	0.732	1.02	2.77	2.60	0.760	0.282	0.170	0.173	0.383	0.593	0.922	1.22	0.968	MEAN

LOCATION - LAT 43 43 38 N
LONG 080 58 20 W

DRAINAGE AREA, 77.7 km²
REGULATED

MIDDLE MAITLAND RIVER NEAR LISTOWEL - STATION NO. 02FE003

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1953	---	13.8 ON MAY 26	0 ON OCT 10 *	---	1953
1954	---	34.5 ON MAR 01	0.028E ON JUL 01	41 400	1954
1955	---	22.9 ON MAR 11	0.028 ON MAY 21	29 400	1955
1956	---	31.1 ON APR 04	0.057 ON AUG 19	43 200	1956
1957	---	16.6 ON FEB 26	0.014 ON AUG 18	38 400	1957
1958	---	6.26 ON MAR 27	0 ON MAY 30	9 100	1958
1959	---	22.9 ON APR 02	0.028 ON JUN 14	43 100	1959
1960	33.7 AT 17:30 EST ON APR 03	28.3 ON APR 03	0.003 ON OCT 09	30 700	1960
1961	---	5.32 ON DEC 05	0.006 ON JUL 16	16 600	1961
1962	---	25.0 ON MAR 29	0.006 ON NOV 05	16 100	1962
1963	---	17.4 ON MAR 28	0 ON JUN 29	14 200	1963
1964	---	11.7 ON APR 07	0.006 ON AUG 01	18 200	1964
1965	---	21.7 ON FEB 10	0.011 ON JUN 26	43 000	1965
1966	26.1 AT 05:00 EST ON DEC 07	21.7 ON DEC 07	0.014 ON JUL 24	25 200	1966
1967	32.8 AT 01:30 EST ON APR 03	17.2 ON APR 03	0.031 ON SEP 05	42 200	1967
1968	43.6 AT 12:05 EST ON FEB 02	13.1 ON FEB 02	0.014 ON JUN 12	44 300	1968
1969	34.8 AT 02:49 EST ON APR 05	26.0 ON APR 05	0.018 ON JUL 21	31 700	1969
1970	33.1 AT 18:17 EST ON APR 09	21.5 ON APR 09	0.009 ON AUG 18	19 700	1970
1971	26.8 AT 21:08 EST ON APR 09	16.5 ON APR 09	0.011 ON JUL 04	20 500	1971
1972	46.4 AT 20:13 EST ON APR 14	32.0 ON APR 14	0.021 ON JUN 19	28 600	1972
1973	26.2 AT 16:58 EST ON MAR 11	12.3 ON MAR 12	0.005 ON JUL 22	20 000	1973
1974	49.6 AT 01:57 EST ON MAY 17	27.0 ON MAY 17	0.006A ON SEP 23	32 200	1974
1975	79.0 AT 04:55 EST ON APR 19 *	47.6 ON APR 19	0.013 ON AUG 23	37 100	1975
1976	69.1 AT 03:07 EST ON MAR 21	42.2 ON MAR 21	0.019 ON AUG 09	30 100	1976
1977	62.6 AT 09:00 EST ON MAR 11	36.8 ON MAR 13 *	0.008 ON JUL 24	31 300	1977
1978	29.7 AT 15:12 EST ON APR 11	22.8 ON APR 11	0.007 ON AUG 25	26 700	1978
1979	56.7 AT 02:38 EST ON APR 14	41.6 ON APR 14	0.011 ON AUG 26	43 200	1979
1980	56.0 AT 12:55 EST ON MAR 21	32.5 ON MAR 21	0.015 ON SEP 07	22 100	1980
1981	34.5 AT 15:05 EST ON FEB 23	24.7 ON FEB 23	0.016 ON JUL 23	14 900	1981
1982	58.6 AT 19:34 EST ON MAR 31	36.7 ON MAR 31	0.031 ON SEP 15	34 500	1982
1983	6.37 AT 15:44 EST ON MAY 02	5.12 ON MAY 02	0.006 ON AUG 06	22 800	1983
1984	26.9 AT 18:24 EST ON DEC 29	20.9 B ON FEB 14	0.016 ON AUG 26	29 800	1984
1985	38.8 AT 06:47 EST ON APR 05	30.6 ON APR 05	0.007 ON AUG 12	49 300	1985
1986	52.6 AT 20:07 EST ON SEP 11	39.8 ON SEP 11	0.008 ON AUG 14	48 100	1986
1987	44.4 AT 02:01 EST ON NOV 26	8.83 ON NOV 26	0.013 ON AUG 30	24 500	1987
1988	40.7 AT 01:05 EST ON MAR 24	14.5 ON MAR 24	0.004 ON JUL 20	25 000	1988
1989	20.1 AT 07:25 EST ON MAR 15	13.5 ON MAR 15	0.006 ON JUL 26	19 700	1989
1990	26.2 AT 22:43 EST ON DEC 29	18.3 ON DEC 30	0.015 ON JUL 27	41 500	1990
				30 500	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX)
B - ICE CONDITIONS
E - ESTIMATED

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

MIDDLE SEVERN RIVER AT WASHAGO - STATION NO. 02EC013

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1963	1.14	1.12	1.17	1.30	1.48	1.47	1.72	1.52	1.36	1.23	1.18	1.19	1.32	1963
1964	1.20	1.24	1.31	2.22	2.88	2.81	2.65	2.38	3.53	4.21	5.53	1.74	2.64	1964
1965	1.83	2.83	4.09	4.79	6.26	4.60	3.77	3.01	2.36	1.88	1.98	4.85	3.53	1965
1966	6.85	9.57	9.97	4.61	5.49	5.97	5.93	3.76	2.49	1.50	1.04	1.20	5.05	1966
1967	1.21	4.35	13.4	2.12	3.45	4.7	3.2	19.5	8.79	8.43	10.2	25.1	12.0	1967
1968	26.3	21.3	7.81	5.97	7.40	15.0	5.56	3.70	3.11	3.16	3.78	5.11	8.38	1968
1969	14.8	20.4	8.75	8.10	29.6	17.0	10.8	8.49	6.53	5.87	5.97	5.35	11.8	1969
1970	5.35	5.43	5.57	6.32	6.33	5.91	5.54	2.93	1.60	1.08	3.84	12.6	5.22	1970
1971	2.48	1.58	1.37	1.06	1.26	1.30	2.69	2.09	2.57	1.98	3.55	1.85	2.16	1971
1972	2.57	4.68	23.1	10.7	9.81	5.80	5.05	3.62	5.32	6.27	5.30	16.3	8.44	1972
1973	16.5	13.6	5.56	21.5	14.2	10.5	10.6	9.24	6.99	5.93	5.85	9.32	10.8	1973
1974	9.23	9.74	10.3	8.89	24.5	10.7	5.59	3.80	2.54	1.62	1.74	1.52	7.51	1974
1975	0.538	0.563	18.8	13.5	18.8	3.73	2.88	4.86	4.26	3.67	3.35	0.319	6.32	1975
1976	7.62	17.7	15.7	3.11	2.01	2.40	8.40	9.06	13.1	14.4	13.8	13.6	9.98	1976
1977	13.5	13.0	8.27	3.08	3.68	3.39	3.12	3.35	4.18	19.5	19.4	19.8	9.58	1977
1978	20.3	20.1	18.2	19.3	17.0	9.75	3.10	2.42	14.0	13.0	4.68	2.69	12.0	1978
1979	3.71	17.8	14.0	9.18	18.5	4.91	3.85	3.21	2.04	3.16	1.45	4.64	7.15	1979
1980	14.0	2.27	5.23	23.0	11.5	5.30	7.18	18.2	8.65	1.23	1.22	2.51	8.38	1980
1981	15.9	18.0	13.6	6.16	6.32	6.11	3.08	4.39	3.90	2.65	2.55	2.74	7.22	1981
1982	8.34	17.3	16.7	9.43	3.85	12.5	30.8	6.82	4.13	2.06	1.95	6.04	8.26	1982
1983	18.4	20.1	6.99	10.7	15.1	4.42	3.62	2.88	1.87	1.20	1.08	1.50	7.25	1983
1984	5.95	13.8	15.8	5.12	2.30	5.36	4.93	3.77	3.40	1.76	2.06	1.07	5.41	1984
1985	5.13	17.8	23.6	12.9	8.22	5.90	5.47	4.57	7.52	13.8	22.9	18.8	12.2	1985
1986	16.2	15.8	15.4	5.50	5.96	5.65	3.53	10.2	17.1	27.6	26.4	24.9	14.5	1986
1987	6.90	4.54	7.80	2.74	2.71	3.03	3.13	2.69	1.56	1.11	0.71	13.6	4.89	1987
1988	10.1	19.2	6.54	2.43	1.83	1.76	3.41	1.35	0.920	0.471	0.633	5.04	4.26	1988
1989	5.94	5.75	3.97	2.98	5.79	9.45	3.14	1.80	1.04	0.378	5.28	22.3	5.66	1989
1990	5.45	13.8	12.8	16.7	4.87	4.46	4.06	2.40	1.10	0.977	1.58	2.52	5.83	1990
MEAN	8.84	11.2	10.6	7.97	8.59	6.42	5.89	5.21	4.93	5.43	5.96	8.16	7.42	MEAN

LOCATION - LAT 44 44 56 N
LONG 079 19 57 W REGULATED

REMARKS - DATA FOR 1963-82 REVISED IN OCT 1983

MIDDLE SEVERN RIVER AT WASHAGO - STATION NO. 02EC013

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1963	---				
1964	---	1.84 ON JUL 03 7.59 ON SEP 20	1.10 ON FEB 01 1.19 ON JAN 01	41 800 83 500	1963 1964
1965	---	7.93 ON DEC 29	1.42 ON OCT 04	111 000	1965
1966	---	10.1 ON JUN 16	0.985 ON NOV 18	159 000	1966
1967	---	40.5 E ON JUL 02 *	0.997 ON JAN 21	377 000	1967
1968	---	30.9 ON JAN 03	2.21 ON MAR 20	265 000	1968
1969	---	32.8 ON MAY 19	3.45 ON APR 11	371 000	1969
1970	---	16.5 ON NOV 25	0.510 ON NOV 13	165 000	1970
1971	---	11.5 E ON JAN 01	0.419 ON MAR 23	68 100	1971
1972	---	27.3 ON MAY 18	1.09 ON APR 14	267 000	1972
1973	---	30.9 R ON APR 11	1.25 ON MAR 17	341 000	1973
1974	---	31.1 ON MAY 15	1.16 ON DEC 04	237 000	1974
1975	---	25.8 E ON MAY 18	0.142E ON DEC 03 *	199 000	1975
1976	---	20.5 ON MAR 24	0.142E ON JAN 01	316 000	1976
1977	---	21.1 ON SEP 30	2.66 ON JUL 26	302 000	1977
1978	---	29.4 ON MAY 17	0.640 ON AUG 23	378 000	1978
1979	---	28.9 ON MAY 07	0.520 ON NOV 13	225 000	1979
1980	---	32.5 ON APR 25	0.525 ON DEC 03	265 000	1980
1981	---	27.2 ON MAR 03	2.02 ON NOV 20	228 000	1981
1982	---	31.1 ON JUN 22	1.02 ON NOV 01	261 000	1982
1983	---	24.4 ON MAY 14	0.441 ON NOV 03	229 000	1983
1984	---	18.5 ON APR 02	0.585 ON DEC 07	171 000	1984
1985	---	34.6 ON APR 03	1.47 ON OCT 15	384 000	1985
1986	---	33.1 ON SEP 30	2.61 ON SEP 14	456 000	1986
1987	---	20.9 ON DEC 31	0.370 ON MAR 24	154 000	1987
1988	---	23.2 E ON FEB 27	0.195 ON OCT 19	135 000	1988
1989	---	29.8 ON JUN 27	0.200E ON OCT 04	179 000	1989
1990	---	31.0 ON APR 26	0.445 ON NOV 13	184 000	1990
				234 000	MEAN

E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD
R - REVISED SINCE JAN 01 1989

MIDDLE THAMES RIVER AT THAMESFORD - STATION NO. 02GD004

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1938	---	---	8.95	3.38	---	---	---	---	---	---	---	---	---	1938
1939	---	---	---	14.5	---	---	---	---	---	---	---	---	---	1939
1940	---	---	---	18.6	4.15	---	---	---	---	---	---	---	---	1940
1941	---	---	---	5.29	1.08	---	---	---	---	---	---	---	---	1941
1942	---	---	13.1	3.82	---	---	---	---	---	---	---	---	---	1942
1943	---	---	19.0	7.24	---	---	---	---	---	---	---	---	---	1943
1944	---	---	---	8.26	---	---	---	---	---	---	---	---	---	1944
1945	---	---	---	8.21	---	---	---	---	---	7.51	3.68	3.39	---	1945
1946	---	---	14.0	2.62	3.17	2.51	0.957	0.750	0.611	0.542	1.22	---	---	1946
1947	---	---	13.1	20.4	7.99	9.98	2.57	0.800	0.656	0.657	0.571	0.924	---	1947
1948	---	---	18.7	2.92	5.92	0.877	0.970	0.747	0.488	0.765	1.25	1.17	---	1948
1949	5.85	13.1	6.83	2.29	1.11	0.601	0.617	0.475	0.809	1.24	0.969	11.7	3.75	1949
1950	12.7	2.94	13.9	9.25	0.939	0.655	1.19	1.40	1.09	1.07	3.04	6.93	4.61	1950
1951	8.51	8.55	15.6	11.3	1.70	0.903	0.550	0.486	0.613	0.655	3.48	2.01	4.50	1951
1952	6.03	6.43	9.15	8.10	1.59	0.329	0.278	0.664	0.732	0.635	1.07	2.01	3.08	1952
1953	1.76	3.12	10.8	2.83	4.01	5.09	0.256	0.581	0.200	0.669	0.858	1.04	2.60	1953
1954	1.54	13.3	15.1	11.5	0.953	0.201	0.419	0.091	0.187	7.86	1.54	3.42	4.61	1954
1955	4.19	3.00	15.6	5.20	1.41	1.27	0.366	0.424	0.632	1.87	3.13	6.49	3.65	1955
1956	2.36	2.78	17.1	9.39	11.4	1.03	3.92	8.25	4.31	1.64	2.42	6.09	6.00	1956
1957	4.12	5.46	7.13	8.10	3.21	2.34	2.56	0.500	1.33	1.20	4.92	9.39	4.18	1957
1958	1.60	1.27	6.67	2.63	0.747	0.535	0.512	0.211	0.867	0.498	1.24	0.949	1.48	1958
1959	1.98	2.41	12.3	10.5	2.97	1.26	0.784	0.689	0.670	3.40	5.38	5.20	3.97	1959
1960	1.38	2.95	4.72	21.0	5.62	3.20	1.11	0.755	0.461	0.545	0.912	0.533	3.57	1960
1961	0.149	4.17	4.57	4.77	3.06	0.719	0.821	0.668	0.624	0.368	1.42	2.18	1.94	1961
1962	0.882	1.19	14.5	3.98	1.76	1.05	0.358	0.421	0.258	0.655	1.52	1.77	2.37	1962
1963	0.785	0.414	12.9	2.99	2.36	0.649	0.288	0.309	0.297	0.246	0.371	0.196	1.84	1963
1964	0.717	0.470	4.84	4.97	1.44	0.427	0.302	2.69	0.693	0.476	0.565	3.63	1.78	1964
1965	3.38	10.3	8.04	13.6	1.89	0.327	0.340	0.149	0.294	0.850	2.11	6.25	3.91	1965
1966	2.14	4.51	7.65	4.70	2.06	1.47	0.295	0.434	0.321	0.474	3.09	9.67	3.13	1966
1967	5.08	2.85	10.3	10.2	3.24	2.44	1.18	1.97	0.873	3.89	6.10	8.33	4.71	1967
1968	3.09	12.9	9.06	3.25	1.69	1.83	0.587	0.395	0.844	1.35	3.49	3.53	3.47	1968
1969	7.31	4.05	9.70	9.06	4.57	1.33	0.596	0.364	0.259	0.542	1.51	1.32	3.38	1969
1970	1.21	1.59	5.42	8.12	1.93	0.615	0.651	0.263	0.380	0.662	2.07	3.21	2.17	1970
1971	1.58	3.44	10.2	9.73	1.36	0.731	0.315	0.321	0.338	0.394	0.409	1.18	2.49	1971
1972	1.93	1.01	9.66	11.6	3.44	1.61	0.521	0.576	0.571	1.98	3.83	5.20	3.62	1972
1973	7.10	3.98	19.1	5.22	3.19	1.19	0.520	0.392	0.354	0.605	3.07	3.20	4.01	1973
1974	8.94	4.75	10.5	6.84	6.90	1.65	0.893	0.472	0.441	0.508	1.68	1.04	3.72	1974
1975	4.56	6.61	10.5	8.93	1.91	1.80	0.659	0.975	1.26	0.806	1.40	3.47	3.55	1975
1976	2.75	14.0	17.8	4.93	4.28	1.02	2.21	3.95	1.27	2.01	3.12	1.40	4.87	1976
1977	1.02	1.74	22.3	7.21	1.48	0.964	0.685	1.13	4.50	5.11	4.68	9.23	5.04	1977
1978	2.30	1.82	7.49	21.5	3.06	1.21	0.526	0.362	1.13	1.04	1.16	5.44	3.64	1978
1979	2.84	1.76	16.1	13.3	2.68	1.01	0.618	0.605	0.531	0.809	5.13	7.74	4.45	1979
1980	3.67	1.56	9.74	9.18	2.79	1.21	1.62	0.545	0.613	1.09	0.929	2.67	2.98	1980
1981	0.779	14.4	3.72	4.99	2.32	1.53	0.792	0.772	3.15	5.23	3.21	2.13	3.50	1981
1982	2.08	0.995	16.4	13.9	4.16	2.92	0.818	0.967	2.00	1.10	6.80	11.5	5.17	1982
1983	3.07	5.18	4.06	6.89	8.85	3.02	1.85	3.91	1.07	1.34	3.49	7.45	4.18	1983
1984	1.45	18.3	8.33	6.05	2.55	5.10	2.83	0.852	2.51	0.903	2.66	5.68	4.70	1984
1985	3.67	11.8	20.9	9.80	1.23	1.55	1.11	2.29	1.48	3.62	11.0	5.44	6.11	1985
1986	3.03	2.16	15.4	4.26	2.62	1.92	1.18	1.62	3.96	7.82	3.22	5.58	4.55	1986
1987	2.84	1.17	9.79	8.39	2.87	2.54	1.14	0.661	0.688	1.11	3.48	8.25	3.59	1987
1988	1.67	2.71	8.56	3.44	1.74	0.457	0.347	0.371	0.306	1.50	4.56	2.95	2.39	1988
1989	3.78	1.43	5.38	4.98	1.47	1.68	0.445	0.282	0.310	0.527	1.70	0.601	1.88	1989
1990	7.06	9.69	8.29	3.82	4.09	1.06	3.26	1.85	2.29	6.15	7.27	9.75	5.37	1990
MEAN	3.45	5.15	11.3	8.08	3.06	1.68	0.998	1.05	1.05	1.82	2.84	4.42	3.68	MEAN

LOCATION - LAT 43 03 32 N
LONG 080 59 18 W

DRAINAGE AREA, 306 km²
REGULATED

MIDDLE THAMES RIVER AT THAMESFORD - STATION NO. 02GD004

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)		MAXIMUM DAILY DISCHARGE (m^3/s)		MINIMUM DAILY DISCHARGE (m^3/s)		TOTAL DISCHARGE (dam^3)	YEAR
1938	---		---		---		---	1938
1939	---		---		---		---	1939
1940	---		---		---		---	1940
1941	---		---		---		---	1941
1942	---		---		---		---	1942
1943	---		---		---		---	1943
1944	---		---		---		---	1944
1945	---		---		---		---	1945
1946	---		---		---		---	1946
1947	---		61.4 CN MAR 07		---		---	1947
1948	115 CN MAR 16		125 CN APR 05		0.142 CN SEP 25		---	1948
1949	---		109 CN MAR 16		0.170 CN MAY 06		---	1949
1950	115 AT 10:00 EST CN APR 04		92.3B CN FEB 15		0.198 CN SEP 05		118 000	1950
1951	---		95.7 CN APR 04		0.170 CN OCT 01		146 000	1951
1952	---		73.6 CN JAN 04		0.227 CN OCT 30		142 000	1952
1953	93.4 AT 12:00 EST CN MAR 04		50.7 CN APR 12		0 CN OCT 01 *		97 400	1953
1954	139 AT 18:00 EST CN FEB 16		57.8 CN MAR 04		0 CN JUL 01		81 900	1954
1955	---		112 CN FEB 16		0 CN MAY 28		146 000	1955
1956	141 AT 08:00 EST CN MAR 07		63.4 CN MAR 11		0 CN JUL 01		115 000	1956
1957	66.8 CN DEC 21		114 CN MAR 07		0.170 CN JUN 15		190 000	1957
1958	18.3 AT 02:00 EST CN MAR 24		52.2 CN DEC 21		0.028 CN SEP 08		132 000	1958
1959	49.0 AT 16:00 EST CN APR 02		16.7 CN MAR 24		0.028 CN JUL 27		46 700	1959
1960	79.6 AT 06:00 EST CN MAR 31		45.3 CN APR 02		0.057 CN AUG 09		125 000	1960
1961	---		76.7 CN MAR 31		0.085 CN OCT 16		113 000	1961
1962	41.6B AT 05:00 EST CN MAR 13		17.5B CN FEB 25		0.006 CN OCT 22		61 300	1962
1963	81.6 AT 21:30 EST CN MAR 25		30.0B CN MAR 28		0 CN AUG 05		74 900	1963
1964	34.0 AT 19:00 EST CN DEC 25		60.3 CN MAR 25		0.079 CN JUL 14		58 000	1964
1965	164 AT 21:00 EST CN FEB 10		26.2 CN DEC 25		0.057 CN JUL 12		56 200	1965
1966	86.7 AT 20:00 EST CN DEC 07		84.1 CN FEB 10		0 CN AUG 15		123 000	1966
1967	84.7 AT 09:30 EST CN APR 03		69.7 CN DEC 07		0.023 CN SEP 10		98 800	1967
1968	192 AT 13:30 EST CN FEB 02 *		64.0 CN APR 03		0.368 CN SEP 16		149 000	1968
1969	92.9 AT 22:30 EST CN JAN 30		154 CN FEB 02 *		0.278 CN AUG 10		110 000	1969
1970	30.0 AT 19:38 EST CN APR 02		63.7 CN JAN 31		0 CN AUG 30		107 000	1970
1971	71.9 AT 11:40 EST CN APR 02		25.7 CN APR 03		0.156 CN AUG 28		68 600	1971
1972	63.1B AT 17:02 EST CN MAR 24		61.2 CN APR 02		0.144 CN AUG 08		78 700	1972
1973	89.8 AT 23:51 EST CN MAR 11		45.3B CN MAR 22		0.408 CN SEP 23		114 000	1973
1974	---		59.2 CN MAR 12		0.241A CN SEP 12		127 000	1974
1975	86.9 AT 21:00 EST CN FEB 24		77.0A CN MAR 05		0.311A CN AUG 22		117 000	1975
1976	176 AT 20:21 EST CN MAR 05		60.3 CN FEB 24		0.374 CN AUG 02		112 000	1976
1977	175 AT 08:13 EST CN MAR 13		81.6 CN MAR 06		0.660 CN SEP 08		154 000	1977
1978	104 AT 22:26 EST CN APR 01		144 CN MAR 13		0.413 CN JUL 28		159 000	1978
1979	160 AT 09:15 EST CN APR 14		71.6 CN APR 02		0.297 CN SEP 02		115 000	1979
1980	78.3 AT 23:11 EST CN MAR 17		116 CN APR 14		0.416 CN JUL 23		140 000	1980
1981	65.8 AT 21:00 EST CN FEB 23		48.0 CN MAR 21		0.349 CN AUG 28		94 100	1981
1982	137 AT 05:43 EST CN MAR 31		53.9 CN FEB 20		0.430 CN AUG 25		110 000	1982
1983	64.0 AT 01:14 EST CN MAY 03		120 CN MAR 31		0.471 CN AUG 19		163 000	1983
1984	142 AT 10:56 EST CN FEB 14		45.4 CN MAY 03		0.491 CN JUL 27		132 000	1984
1985	116 AT 23:32 EST CN FEB 24		115 ON FEB 14		0.480 CN AUG 27		149 000	1985
1986	105 AT 20:43 EST CN MAR 19		90.4 CN FEB 25		0.511 CN AUG 06		193 000	1986
1987	63.9 AT 04:05 EST CN MAY 31		68.9 CN MAR 19		0.530E CN SEP 03		143 000	1987
1988	33.4 AT 09:35 EST CN MAR 09		51.3 CN MAY 31		0.417 CN SEP 06		113 000	1988
1989	21.9 AT 18:46 EST CN MAR 18		31.5 CN MAR 09		0.139 CN JUL 09		75 600	1989
1990	90.3 AT 03:26 EST ON DEC 30		16.7 CN MAR 29		0.198 CN AUG 28		59 400	1990
			74.6B ON DEC 30		0.474A ON JUL 08		169 000	MEAN
							116 000	

A - MANUAL GAUGE (SEE REFERENCE INDEX)
B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

MILL CREEK NEAR RED WING - STATION NO. 02FB006

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1915	---	---	---	---	---	---	---	0.314	0.700	0.976	---	---	---	1915
MEAN	---	---	---	---	---	---	---	0.314	0.700	0.976	---	---	---	MEAN

LOCATION - LAT 44 27 00 N
LONG 080 26 50 W
DRAINAGE AREA, 127 km^2
REGULATED
DATA CONTRIBUTED BY - ONTARIO HYDRO

MILL CREEK NEAR RED WING - STATION NO. 02FB006

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1915	---	---	---	---	1915
				---	MEAN

MILLHAVEN CREEK NEAR MILLHAVEN - STATION NO. 02HM006

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1968	---	---	---	---	---	---	0.430	0.154	0.783	0.361	---	---	---	1968
1969	---	---	---	---	2.55	1.46	0.631	0.731	0.234	0.296	1.53	---	---	1969
1970	---	---	---	---	---	---	0.307	0.152	0.181	0.416	1.58	1.55	---	1970
1971	0.694	0.775	3.84	8.57	2.01	0.581	0.338	0.297	0.180	0.161	0.266	1.67	1.61	1971
1972	1.06	0.933	1.95	11.5	2.18	2.30	1.30	0.670	0.312	1.54	3.37	4.43	2.70	1972
1973	4.69	3.57	6.47	5.22	2.23	0.993	0.232	0.145	0.159	0.236	1.13	2.72	2.31	1973
1974	7.08	3.06	4.08	6.91	2.64	0.907	0.378	0.169	0.109	0.096	0.478	1.58	2.29	1974
1975	2.55	1.80	5.72	5.25	1.48	1.16	0.205	0.084	0.207	0.142	0.656	2.26	1.79	1975
1976	1.45	4.65	12.9	5.02	1.87	1.45	0.604	0.256	0.191	0.436	0.659	0.613	2.50	1976
1977	0.361	0.531	8.13	2.81	0.616	0.298	0.184	0.206	0.482	2.56	2.48	3.21	1.84	1977
1978	4.20	2.77	5.16	8.33	1.43	0.585	0.095	0.044	0.143	0.197	1.12	2.39	2.20	1978
1979	2.69	2.34	7.45	4.96	1.39	1.05	0.243	0.189	1.10	2.39	2.85	3.83	2.54	1979
1980	2.10	0.733	5.13	4.64	3.11	0.408	0.220	0.790	1.42	1.73	2.37	3.92	2.22	1980
1981	0.740	3.02	4.99	1.01	0.973	0.634	0.426	0.650	5.82	2.61	2.92	1.73	2.36	1981
1982	1.36	0.643	3.90	7.60	0.562	2.42	0.356	0.093	0.819	1.37	5.04	3.43	2.04	1982
1983	2.17	3.26	2.33	3.44	3.54	0.230	0.072	0.151	0.154	0.641	2.08	3.33	1.93	1983
1984	1.21	5.71	2.87	6.02	1.28	0.655	0.265	0.822	1.48	0.750	2.65	4.59	1.93	1984
1985	1.45	2.83	6.85	3.22	0.257	0.183	0.204	0.153	1.25	1.76	2.93	1.65	1.89	1985
1986	2.44	1.62	5.10	1.72	1.07	2.01	0.323	---	2.38	4.44	2.04	3.27	---	1986
1987	1.37	0.535	5.08	5.31	0.264	0.195	0.268	0.310	0.804	1.06	2.69	5.72	1.97	1987
1988	1.47	2.04	4.14	2.96	0.455	0.209	0.126	0.093	0.260	0.369	1.38	1.00	1.20	1988
1989	1.06	1.22	3.28	3.15	2.31	0.667	0.237	0.151	0.171	0.379	2.71	1.16	1.37	1989
1990	2.32	3.62	4.56	3.86	2.44	0.989	0.304	0.169	0.140	1.59	1.39	5.08	2.20	1990
MEAN	2.12	2.58	5.10	5.08	1.70	0.923	0.337	0.298	0.816	1.11	1.83	2.70	2.05	MEAN

LOCATION - LAT 44 13 34 N
LONG 076 45 30 W

DRAINAGE AREA, 150 km² REGULATED

MILLHAVEN CREEK NEAR MILLHAVEN - STATION NO. 02HM006

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1968	---	---	---	---	1968
1969	---	---	---	---	1969
1970	---	---	---	---	1970
1971	16.2 AT 20:30 EST ON APR 07	15.1 ON APR 10	0.054 ON NOV 04	50 900	1971
1972	---	25.5 E ON APR 14	0.215 ON SEP 22	85 500	1972
1973	13.3 AT 04:48 EST ON APR 05	12.2 ON APR 05	0.076 ON SEP 12	72 900	1973
1974	---	15.5 ON APR 05	0.074 ON OCT 16	72 100	1974
1975	---	15.3 B ON MAR 20	0.023 ON JUL 18 *	56 500	1975
1976	---	18.4 B ON MAR 22	0.127 ON SEP 08	79 100	1976
1977	20.3 AT 13:10 EST ON MAR 13 *	15.9 ON MAR 16	0.119 ON JUL 27	58 100	1977
1978	---	16.1 B ON APR 02	0.026 ON SEP 10	69 300	1978
1979	---	15.3 B ON MAR 06	0.119 ON AUG 22	80 200	1979
1980	---	21.2 B ON MAR 22	0.063 ON JUL 26	70 300	1980
1981	---	26.4 B ON FEB 20 *	0.203A ON JUN 18	74 500	1981
1982	18.3 AT 20:49 EST ON APR 03	16.3 ON APR 01	0.070 ON AUG 18	64 400	1982
1983	10.9 AT 19:50 EST ON DEC 15	10.4 ON DEC 15	0.045 ON JUN 22	60 800	1983
1984	15.8 AT 14:40 EST ON FEB 16	13.8 ON FEB 20	0.078 ON OCT 23	61 000	1984
1985	---	17.0 B ON FEB 26	0.040 ON JUN 11	59 500	1985
1986	---	---	---	---	1986
1987	18.0 AT 22:57 EST ON NOV 29	13.8 ON NOV 30	0.078 ON JUN 12	62 300	1987
1988	13.6 AT 04:01 EST ON MAR 26	12.1 ON MAR 26	0.053 ON OCT 16	38 100	1988
1989	9.26 AT 05:10 EST ON MAR 29	8.91 ON MAR 29	0.070 ON OCT 01	43 300	1989
1990	13.9 AT 07:13 EST ON DEC 30	13.0 ON DEC 30	0.091 ON SEP 27	69 400	1990
				64 600	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX)
B - ICE CONDITIONS
E - ESTIMATED
* - EXTREMES RECORDED FOR THE PERIOD OF RECORD

MIMICO CREEK AT ISLINGTON - STATION NO. 02HC033

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1965	---	---	---	---	---	---	---	---	---	0.372	0.441	0.540	---	1965
1966	0.278	0.626	1.56	0.285	0.232	0.247	0.105	0.135	0.160	0.118	0.522	0.772	0.419	1966
1967	0.290	0.200	1.65	1.16	0.259	0.779	0.394	0.267	0.266	0.510	0.456	0.796	0.589	1967
1968	0.121	1.47	2.07	0.333	0.528	0.266	0.281	1.12	0.367	0.233	0.962	0.508	0.686	1968
1969	0.819	0.312	1.50	1.25	0.768	0.228	0.702	0.386	0.140	0.254	0.511	0.257	0.597	1969
1970	0.247	0.413	1.44	1.25	0.505	0.308	0.566	0.817	0.433	0.419	0.553	0.773	0.645	1970
1971	0.265	1.28	2.06	0.725	0.252	0.376	0.532	0.701	0.238	0.253	0.198	0.763	0.634	1971
1972	0.623	0.362	2.13	2.66	0.298	0.737	0.440	0.406	0.509	0.729	0.914	1.22	0.919	1972
1973	0.998	0.591	2.71	1.15	0.751	0.522	0.376	0.320	0.391	0.793	1.11	0.875	0.888	1973
1974	1.68	0.825	1.58	1.37	1.82	0.841	0.387	0.265	0.381	0.234	0.715	0.332	0.870	1974
1975	0.773	1.31	1.08	1.12	0.649	0.409	0.222	0.570	0.466	0.379	0.413	0.492	0.667	1975
1976	0.200	2.99	2.35	1.15	1.16	0.549	0.512	0.499	0.530	0.392	0.161	0.165	0.887	1976
1977	0.063	0.782	1.71	0.951	0.194	0.678	0.633	0.778	1.29	1.22	1.08	2.00	0.949	1977
1978	0.634	0.161	2.21	1.70	0.927	0.333	0.315	0.353	0.867	0.462	0.436	0.467	0.743	1978
1979	0.812	0.269	2.48	1.69	0.997	0.560	0.402	0.535	0.371	0.577	1.04	1.64	0.953	1979
1980	0.668	0.195	1.63	1.79	0.541	0.761	1.21	0.316	0.373	0.647	0.254	0.602	0.751	1980
1981	---	---	---	---	---	---	---	---	---	---	---	---	---	1981
1982	0.578	0.522	2.96	1.15	0.436	1.18	0.270	0.820	1.06	0.498	1.39	1.47	1.03	1982
1983	0.535	0.816	1.19	1.37	1.20	0.342	0.234	0.705	0.457	0.657	1.01	1.11	0.802	1983
1984	0.177	1.84	1.58	0.957	0.951	0.395	0.455	0.591	0.669	0.238	0.691	0.660	0.762	1984
1985	0.247	2.14	2.01	0.915	0.577	0.377	0.577	1.43	0.582	0.469	2.62	0.641	1.04	1985
1986	0.384	0.353	1.85	0.643	0.722	0.538	1.29	2.44	4.01	0.889	0.572	1.39	1.26	1986
1987	0.316	0.279	1.05	1.25	0.328	0.479	0.784	0.397	0.743	0.393	0.906	0.862	0.650	1987
1988	---	---	---	---	---	---	---	---	---	---	---	0.411	---	1988
1989	0.544	0.307	0.662	0.494	0.652	0.885	0.729	0.477	0.455	0.719	1.10	0.139	0.598	1989
1990	0.838	1.22	1.13	0.647	0.859	0.489	0.475	0.942	0.375	1.09	0.552	1.81	0.870	1990
MEAN	0.529	0.846	1.76	1.13	0.679	0.535	0.517	0.664	0.658	0.523	0.775	0.828	0.792	MEAN

LOCATION - LAT 43 38 50 N LONG 079 31 10 W DRAINAGE AREA, 70.6 km² NATURAL FLOW

REMARKS - DATA NOT PUBLISHED FOR 1988 DUE TO COLLAPSE OF WEIR STRUCTURE

MIMICO CREEK AT ISLINGTON - STATION NO. 02HC033

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1965	---	---	---	---	1965
1966	22.8 AT 20:45 EST ON NOV 09	3.79 ON DEC 31	0.057 ON DEC 22	13 200	1966
1967	39.0 AT 06:00 EST ON APR 03	8.50 ON DEC 10	0.054 ON JUL 25	18 600	1967
1968	50.1 AT 23:00 EST ON AUG 22	11.2 R ON APR 03	0.079 ON SEP 18	21 700	1968
1969	22.9 AT 16:42 EST ON APR 18	24.7 R ON FEB 02 14.2 R ON APR 18	0.065 ON AUG 05 0.093R ON SEP 02	18 800	1969
1970	46.4 AT 19:44 EST ON AUG 30	11.2 R ON AUG 30	0.076 ON JUL 13	20 400	1970
1971	24.6 AT 04:14 EST ON AUG 27	10.6 ON FEB 27	0.099 ON AUG 02	20 000	1971
1972	16.4 AT 17:42 EST ON JUL 15	10.3 ON DEC 13	0.102 ON JUL 31	29 100	1972
1973	---	10.9 ON MAR 17	0.062B ON DEC 18	28 000	1973
1974	49.8 AT 22:19 EST ON MAY 16	25.5 E ON MAR 05	0.113B ON FEB 11	27 400	1974
1975	30.6 AT 19:36 EST ON FEB 24	18.2 ON FEB 24	0.071 ON JUL 26	21 000	1975
1976	21.0 AT 18:37 EST ON MAR 05	11.2 ON MAY 07	0.059 ON NOV 30	28 100	1976
1977	30.0 AT 22:18 EST ON SEP 24	11.4 R ON MAR 13	0.034 ON JUL 24 *	29 900	1977
1978	16.4B AT 09:40 EST ON JAN 26	10.3 E ON SEP 18	0.045 ON AUG 13	23 400	1978
1979	29.0 AT 16:28 EST ON DEC 25	20.8 ON DEC 25	0.070B ON FEB 18	30 100	1979
1980	49.9 AT 23:12 EST ON JUL 28	19.2 ON MAR 21	0.052B ON FEB 29	23 800	1980
1981	30.5 AT 07:09 EST ON FEB 11	12.7 ON SEP 04	---	---	1981
1982	33.4 AT 18:06 EST ON SEP 14	16.0 ON MAR 13	0.057 ON JUL 25	32 500	1982
1983	42.4 AT 18:49 EST ON AUG 08	9.32 ON DEC 12	0.097 ON JUL 17	25 300	1983
1984	52.3 AT 21:17 EST ON AUG 14	23.0 B ON FEB 14	0.082 ON JUL 30	24 100	1984
1985	46.6 AT 10:24 EST ON AUG 26	23.0 ON FEB 24	0.062 ON AUG 04	32 800	1985
1986	97.9 AT 03:58 EST ON AUG 27 *	38.5 ON AUG 27 *	0.079B ON JAN 16	39 800	1986
1987	33.6 AT 01:53 EST ON JUL 20	8.05 ON JUL 20	0.080B ON FEB 15	20 500	1987
1988	---	---	---	---	1988
1989	37.5 AT 17:10 EST ON JUL 25	6.80 ON OCT 20	0.050 ON OCT 08	18 900	1989
1990	25.8 AT 22:30 EST ON FEB 22	13.0 ON DEC 29	0.054 ON JUL 29	27 400	1990
				25 000	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX) B - ICE CONDITIONS E - ESTIMATED * - EXTREME RECORDED FOR THE PERIOD OF RECORD R - REVISED SINCE JAN 01 1989

MINISTIC CREEK NEAR AGNEW LAKE MINE - STATION NO. 02CE103

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1978	0.161	0.153	0.133	2.41	1.59	0.293	0.174	0.121	0.359	0.648	---	---	---	1978
1979	0.127	0.088	0.807	---	---	---	---	---	0.105	0.442	0.844	0.488	---	1979
MEAN	0.144	0.121	0.470	2.41	1.59	0.293	0.174	0.121	0.232	0.545	0.844	0.488	---	MEAN

LOCATION - LAT 46 24 30 N LONG 081 34 40 W DRAINAGE AREA, 41.2 km² NATURAL FLOW

DATA CONTRIBUTED BY - ONTARIO MINISTRY OF THE ENVIRONMENT

MINISTIC CREEK NEAR AGNEW LAKE MINE - STATION NO. 02CE103

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1978	---	---	---	---	1978
1979	---	8.50E ON APR 22 *	---	---	1979
		---	---	---	MEAN

E - ESTIMATED

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

MISSINAIBI RIVER AT MATTICE - STATION NO. 04LJ001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1920	---	---	---	---	413	126	55.2	22.1	11.4	15.9	13.5	10.3	---	1920
1921	7.41	6.04	7.47	131	201	92.9	56.2	50.9	38.1	50.4	25.1	22.6	57.6	1921
1922	16.9	13.1	11.8	75.0	536	79.8	42.7	18.7	10.1	6.30	7.57	6.94	69.5	1922
1923	6.46	5.44	4.60	47.2	137	72.9	45.8	21.0	60.0	123	113	62.1	56.8	1923
1924	23.5	16.4	13.6	50.6	302	124	45.8	67.8	51.5	28.9	39.0	27.2	66.1	1924
1925	13.9	11.6	11.1	158	241	253	115	62.0	28.0	39.1	36.5	24.2	82.9	1925
1926	11.8	9.08	5.05	7.39	203	135	252	58.0	93.3	95.8	105	105	88.4	1926
1927	32.1	17.2	20.6	263	456	152	224	121	29.5	158	97.0	55.0	123	1927
1928	29.8	19.7	19.5	123	681	300	248	65.5	200	249	155	66.8	103	1928
1929	29.4	17.5	15.1	164	315	202	56.5	90.2	129	118	173	57.5	111	1929
1930	22.2	15.2	13.9	65.9	552	240	107	46.7	18.3	53.4	50.0	28.9	102	1930
1931	12.6	10.7	9.26	104	316	75.4	51.0	12.7	12.5	30.9	168	114	79.2	1931
1932	48.3	32.0	26.9	105	469	85.6	56.6	57.8	81.5	81.1	99.4	53.2	101	1932
1933	20.0	19.0	14.4	134	558	141	33.0	18.8	9.70	29.1	34.1	18.5	95.3	1933
1934	14.4	10.8	9.63	24.4	547	195	77.0	21.4	103	73.4	122	101	109	1934
1935	30.9	20.2	15.9	119	511	326	93.2	67.7	60.4	177	77.9	35.1	129	1935
1936	18.1	13.9	11.8	33.5	766	229	50.0	14.6	17.3	59.8	43.2	22.0	107	1936
1937	15.0	14.0	14.8	134	414	122	30.1	79.3	23.1	53.5	81.0	43.8	92.8	1937
1938	23.5	16.1	31.8	277	490	368	108	80.4	38.5	28.1	32.4	27.7	127	1938
1939	28.9	21.7	17.8	54.5	779	202	89.7	57.3	74.2	71.6	55.8	25.9	124	1939
1940	21.0	16.3	11.8	30.3	641	287	90.7	29.2	43.4	38.0	56.1	33.7	108	1940
1941	22.9	18.0	13.9	216	467	112	38.1	51.6	198	236	124	91.7	133	1941
1942	40.9	22.5	18.2	275	362	75.3	15.4	28.1	163	216	153	55.5	121	1942
1943	30.3	20.9	16.8	67.7	493	314	139	17.3	20.4	12.2	32.8	18.9	98.3	1943
1944	14.1	12.1	11.3	67.4	482	162	40.9	41.8	95.5	96.9	65.6	35.7	94.1	1944
1945	19.2	15.8	59.0	307	169	145	84.5	50.3	44.5	54.9	150	62.7	96.8	1945
1946	36.5	25.5	62.9	234	425	184	59.6	23.3	42.4	44.2	115	71.3	111	1946
1947	29.5	19.4	15.8	33.2	602	496	119	69.0	37.2	40.1	23	112	132	1947
1948	10.6	9.48	9.58	224	279	64.6	38.5	59.7	48.6	27.9	85.4	82.8	78.5	1948
1949	31.6	21.3	17.0	136	448	137	37.0	28.4	23.2	83.9	73.0	34.2	89.7	1949
1950	17.6	15.7	15.2	33.8	678	296	145	38.7	18.0	50.9	74.5	58.3	121	1950
1951	28.4	18.6	19.2	386	437	107	76.8	35.1	22.7	86.6	124	85.8	119	1951
1952	25.2	13.0	14.5	242	273	233	69.2	36.9	28.9	25.8	51.7	93.7	92.2	1952
1953	23.7	19.0	24.7	106	648	190	82.3	20.7	17.5	28.5	35.5	82.2	106	1953
1954	19.7	15.9	17.1	149	521	156	94.5	43.0	32.3	183	132	42.9	118	1954
1955	17.4	13.5	12.0	264	208	107	36.5	15.5	8.78	56.8	71.4	45.1	71.4	1955
1956	27.8	19.7	15.1	43.0	448	256	152	64.8	107	63.9	42.8	27.8	107	1956
1957	19.7	14.6	14.0	256	339	121	92.8	22.7	54.4	53.1	109	72.0	97.6	1957
1958	25.5	12.5	15.0	186	163	206	138	54.0	148	105	139	50.1	104	1958
1959	25.6	16.7	15.5	73.6	436	111	33.6	45.7	87.6	189	132	49.5	102	1959
1960	26.4	23.8	20.9	173	822	181	41.7	56.2	29.8	27.8	54.7	38.5	126	1960
1961	17.6	10.2	11.1	174	481	216	156	47.7	181	224	119	64.8	141	1961
1962	31.9	19.4	15.9	41.2	462	175	41.6	99.4	227	71.5	43.2	41.2	106	1962
1963	20.5	15.4	12.4	106	330	289	84.1	30.9	28.5	33.5	24.7	22.1	84.0	1963
1964	16.0	15.4	13.1	224	467	220	110	96.8	80.3	187	128	54.1	135	1964
1965	26.4	18.4	13.6	66.9	503	136	41.8	67.5	128	184	73.4	47.8	110	1965
1966	32.4	23.9	24.3	133	518	167	70.8	63.5	48.5	250	113	72.1	127	1966
1967	31.2	26.4	20.6	289	522	154	68.0	41.9	12.8	44.4	43.7	22.5	107	1967
1968	16.4	12.7	13.6	408	214	184	307	85.1	127	182	110	56.2	143	1968
1969	39.7	29.9	21.1	253	449	121	59.6	31.2	29.9	87.1	80.8	54.5	105	1969
1970	20.2	11.8	10.1	66.2	372	179	120	45.6	57.5	72.2	71.6	39.6	89.5	1970
1971	23.1	17.5	13.3	48.0	503	159	83.2	43.6	49.3	84.4	106	115	105	1971
1972	39.5	19.3	15.7	30.7	485	189	105	60.6	47.8	92.5	51.2	29.0	97.7	1972
1973	29.4	16.4	31.0	244	373	179	162	118	107	93.6	75.6	49.8	123	1973
1974	27.5	19.4	16.1	21.5	495	195	70.6	62.6	68.2	149	123	45.7	109	1974
1975	24.6	17.5	13.4	31.5	332	147	36.5	10.2	12.1	18.1	52.9	30.9	60.9	1975
1976	17.4	13.7	14.8	373	260	73.5	35.7	21.8	4.75	9.38	8.67	5.86	69.8	1976
1977	3.88	3.06	12.2	375	215	93.8	59.0	22.2	142	129	119	49.5	102	1977
1978	21.7	14.4	8.55	15.9	500	216	158	50.2	41.9	165	57.3	27.7	108	1978
1979	17.9	13.4	14.4	216	824	255	65.6	38.9	78.7	224	148	56.2	164	1979
1980	30.8	19.6	13.5	185	339	137	60.6	25.8	27.4	72.0	42.4	23.9	81.5	1980
1981	15.5	15.9	27.3	278	423	140	46.3	11.4	6.64	16.9	29.3	15.3	85.7	1981
1982	11.6	9.36	8.13	71.8	414	65.4	138	35.5	123	264	178	84.0	118	1982
1983	34.1	27.1	30.5	106	627	227	63.6	25.0	71.9	120	65.5	43.5	121	1983
1984	24.0	17.7	16.9	260	261	190	182	42.7	16.6	33.8	63.2	43.9	96.0	1984
1985	24.0	14.7	12.3	211	286	122	120	86.5	30.7	101	68.8	40.0	93.6	1985
1986	20.8	12.3	11.6	296	248	55.9	30.1	17.7	41.9	90.8	66.7	37.1	77.5	1986
1987	19.3	13.4	11.9	203	95.9	70.6	105	69.0	25.9	55.9	81.8	52.9	67.2	1987
1988	21.7	13.5	11.9	223	337	90.2	35.1	90.9	60.1	57.6	192	90.3	102	1988
1989	34.7	23.6	15.2	87.1	628	171	55.5	30.5	14.2	28.1	134	43.0	106	1989
1990	21.2	14.9	46.0	315	385	174	128	36.6	56.4	129	153	60.4	127	1990
MEAN	23.3	16.5	17.1	157	432	173	86.9	45.9	60.7	92.5	84.3	48.9	104	MEAN

LOCATION - LAT 49 37 00 N LONG 083 15 48 W

DRAINAGE AREA, 8 940 km²

NATURAL FLOW

MISSINAIBI RIVER AT MATTICE - STATION NO. 04LJ001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1920	---	600 ON MAY 09	---	---	1920
1921	---	538 ON APR 29	5.32B ON FEB 13	1 820 000	1921
1922	---	1 000 ON MAY 08	5.55 ON OCT 12	2 190 000	1922
1923	---	411 ON OCT 25	4.47RB ON MAR 11	1 790 000	1923
1924	---	484 ON MAY 02	12.7 B ON MAR 29	2 090 000	1924
1925	---	436 ON JUN 07	10.8 B ON FEB 27	2 610 000	1925
1926	---	405 ON MAY 09	4.59B ON APR 01	2 790 000	1926
1927	---	869 ON APR 21	15.9 B ON FEB 28	3 870 000	1927
1928	---	1 310 ON MAY 07	13.5 RB ON MAR 11	3 770 000	1928
1929	---	487 ON MAY 31	12.9 B ON FEB 25	3 490 000	1929
1930	---	1 250 ON MAY 05	12.4 ON SEP 13	3 210 000	1930
1931	---	660 ON MAY 09	4.81 ON SEP 03	2 500 000	1931
1932	---	725 ON MAY 10	23.2 ON AUG 22	3 190 000	1932
1933	---	807 ON MAY 26	7.79 ON SEP 18	3 010 000	1933
1934	---	887RB ON MAY 09	9.63B ON MAR 01	3 440 000	1934
1935	---	824 ON MAY 13	15.9 B ON MAR 01	4 070 000	1935
1936	---	1 200 ON MAY 24	7.39 ON SEP 10	3 390 000	1936
1937	---	1 060 ON MAY 22	9.46 ON SEP 13	2 930 000	1937
1938	---	1 050 ON MAY 06	12.4 B ON MAR 10	4 010 000	1938
1939	---	1 480 ON MAY 10	15.6 RB ON MAR 20	3 920 000	1939
1940	---	867 ON MAY 17	10.4 RB ON MAR 24	3 410 000	1940
1941	---	1 110 ON MAY 26	12.0 RB ON APR 02	4 190 000	1941
1942	---	883 ON APR 28	16.9 B ON MAR 16	3 810 000	1942
1943	---	900 ON MAY 27	2.97 ON OCT 13	3 100 000	1943
1944	---	1 020 ON MAY 04	10.8 RB ON MAR 15	2 980 000	1944
1945	---	674 ON APR 12	14.2 B ON MAR 10	3 050 000	1945
1946	---	949 ON MAY 27	17.4 ON AUG 18	3 490 000	1946
1947	---	1 390 ON MAY 29	11.3 B ON DEC 28	4 180 000	1947
1948	---	912 ON APR 29	8.47B ON MAR 13	2 480 000	1948
1949	---	937 ON MAY 04	12.0 ON SEP 07	2 830 000	1949
1950	---	1 190 ON MAY 26	9.12 ON OCT 13	3 820 000	1950
1951	---	1 070 ON MAY 03	16.0 RB ON MAR 05	3 760 000	1951
1952	---	779 ON APR 25	11.2 RB ON MAR 08	2 910 000	1952
1953	---	1 130 ON MAY 20	4.53 ON SEP 11	3 330 000	1953
1954	---	946 ON MAY 02	12.7 RB ON JAN 24	3 720 000	1954
1955	---	753 ON APR 22	5.95 ON SEP 16	2 250 000	1955
1956	---	872 ON MAY 15	13.1 B ON MAR 30	3 380 000	1956
1957	---	1 320 ON APR 28	8.89 ON SEP 02	3 080 000	1957
1958	---	578 ON APR 22	10.6 B ON FEB 19	3 270 000	1958
1959	1 060 AT 23:00 EST ON MAY 07	1 030 ON MAY 08	14.2 B ON MAR 02	3 220 000	1959
1960	1 200 AT 13:00 EST ON MAY 17	1 190 ON MAY 17	15.7 B ON APR 10	3 970 000	1960
1961	923 AT 06:00 EST ON MAY 17	912 ON MAY 17	9.40RB ON FEB 20	4 500 000	1961
1962	799 AT 08:00 EST ON MAY 06	779 ON MAY 06	14.2 RB ON FEB 24	3 350 000	1962
1963	606 AT 24:00 EST ON JUN 22	595 ON JUN 22	11.3 RB ON MAR 21	2 650 000	1963
1964	983 AT 07:00 EST ON MAY 01	977 ON MAY 01	9.49RB ON MAR 12	4 270 000	1964
1965	711 AT 14:00 EST ON MAY 18	705 ON MAY 18	10.7 RB ON APR 08	3 460 000	1965
1966	951 AT 08:00 EST ON MAY 21	943 ON MAY 21	10.7 B ON MAR 13	4 000 000	1966
1967	728 AT 11:00 EST ON MAY 20	711 ON MAY 21	7.67 ON OCT 07	3 360 000	1967
1968	915 AT 06:00 EST ON APR 25	898 ON APR 25	11.3 B ON MAR 03	4 530 000	1968
1969	770 AT 22:00 EST ON MAY 08	762 ON MAY 08	17.0 ON SEP 30	3 320 000	1969
1970	779 AT 01:00 EST ON MAY 03	770R ON MAY 02	9.51B ON APR 08	2 820 000	1970
1971	626 AT 11:49 EST ON MAY 21	623 ON MAY 21	14.0 B ON APR 13	3 300 000	1971
1972	838 AT 00:30 EST ON MAY 04	804 ON MAY 04	13.3 B ON APR 13	3 090 000	1972
1973	801 AT 10:50 EST ON MAY 11	799 ON MAY 11	15.9 B ON FEB 26	3 880 000	1973
1974	702 AT 03:30 EST ON MAY 15	699 ON MAY 15	15.3 B ON MAR 27	3 420 000	1974
1975	756B AT 14:00 EST ON MAY 02	728 ON MAY 03	3.68 ON SEP 02	1 920 000	1975
1976	1 210 AT 05:04 EST ON APR 21	1 170 ON APR 21	4.36 ON SEP 13	2 210 000	1976
1977	960 AT 07:56 EST ON APR 23	946 ON APR 23	2.83B ON MAR 03 *	2 210 000	1977
1978	1 040 AT 12:57 EST ON MAY 15	1 030 ON MAY 15	7.42B ON MAR 29	3 410 000	1978
1979	1 790 AT 22:55 EST ON MAY 12 *	1 740 ON MAY 12 *	11.3 B ON MAR 16	5 160 000	1979
1980	908 AT 06:51 EST ON APR 30	903 ON MAY 01	11.8 B ON MAR 30	2 580 000	1980
1981	966 AT 00:08 EST ON MAY 07	950 ON MAY 07	4.65 ON OCT 05	2 700 000	1981
1982	873 AT 04:17 EST ON MAY 03	870 ON MAY 03	7.60B ON MAR 13	3 720 000	1982
1983	---	1 270B ON MAY 02	16.8 ON SEP 05	3 810 000	1983
1984	576 AT 08:54 EST ON MAY 03	569 ON MAY 03	12.4 B ON MAR 18	3 040 000	1984
1985	1 120 AT 02:00 EST ON APR 26	1 080 ON APR 26	11.9 B ON MAR 22	2 950 000	1985
1986	572 AT 00:41 EST ON APR 30	565 ON APR 30	8.80B ON MAR 15	2 440 000	1986
1987	501 AT 00:49 EST ON APR 20	496 ON APR 20	11.2 B ON MAR 15	2 120 000	1987
1988	565 AT 06:37 EST ON MAY 15	561 ON MAY 15	11.0 B ON MAR 06	3 230 000	1988
1989	936 AT 19:53 EST ON MAY 06	924 ON MAY 06	11.0 ON SEP 23	3 350 000	1989
1990	1 280 AT 18:43 EST ON APR 27	1 250 ON APR 27	12.1 B ON MAR 06	4 000 000	1990
				3 290 000	MEAN

B - ICE CONDITIONS

* - EXTREME RECORDED FOR THE PERIOD OF RECORD
R - REVISED SINCE JAN 01 1989

MISSINAIBI RIVER BELOW WABOOSE RIVER - STATION NO. 04LM001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1972	52.4	39.9	36.3	---	---	355	214	129	101	248	140	63.8	---	1972
1973	37.4	28.5	63.9	548	822	292	122	192	145	164	143	85.1	240	1973
1974	43.7	30.7	24.9	41.8	1 340	498	145	148	142	359	297	73.5	264	1974
1975	31.8	22.6	19.3	64.1	---	---	---	---	---	---	---	56.4	---	1975
1976	29.4	21.2	19.4	820	626	163	98.4	76.1	23.9	50.2	31.8	19.0	165	1976
1977	14.5	12.3	17.1	817	644	208	279	74.6	263	250	258	94.8	245	1977
1978	46.2	32.6	20.6	33.7	1 200	778	319	83.3	63.4	286	109	43.1	253	1978
1979	31.1	26.5	26.9	562	1 720	537	121	75.3	168	566	385	115	363	1979
1980	62.3	39.4	27.5	341	1 030	337	93.6	51.5	56.4	257	110	38.5	204	1980
1981	20.2	20.7	46.3	583	905	348	96.4	35.4	27.4	52.3	65.3	34.0	187	1981
1982	25.1	21.1	18.7	115	1 290	189	152	109	202	517	382	178	293	1982
1983	70.4	55.8	60.5	176	1 060	646	121	43.8	174	313	146	83.6	315	1983
1984	45.5	35.4	34.2	671	762	416	377	144	58.8	106	163	116	244	1984
1985	51.8	28.2	21.8	534	1 000	322	273	286	110	307	168	91.7	268	1985
1986	41.1	25.9	23.1	707	748	155	101	42.5	60.2	198	117	59.4	190	1986
1987	34.8	24.7	22.1	405	233	199	114	248	105	266	222	129	176	1987
1988	55.2	34.1	29.4	610	1 040	224	156	198	170	177	389	179	268	1988
1989	70.3	46.9	32.1	113	1 410	349	99.1	60.2	30.9	73.0	249	95.9	220	1989
1990	41.4	27.9	64.9	566	1 300	489	275	118	225	370	305	109	326	1990
MEAN	42.3	30.2	32.0	428	1 050	361	204	118	118	254	204	87.6	248	MEAN

LOCATION - LAT 50 35 00 N, LONG 082 07 00 W DRAINAGE AREA, 22 900 km² NATURAL FLOW

MISSINAIBI RIVER BELOW WABOOSE RIVER - STATION NO. 04LM001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1972	---	---	---	---	1972
1973	1 590 AT 01:18 EST ON APR 24	1 570 ON APR 24	27.8B ON FEB 19	7 580 000	1973
1974	2 020 AT 06:00 EST ON MAY 18	2 000 ON MAY 18	23.9B ON MAR 28	8 310 000	1974
1975	---	1 020B ON MAY 01	---	---	1975
1976	---	2 350E ON APR 25	---	---	1976
1977	2 430 AT 17:36 EST ON APR 24	2 350 ON APR 24	16.0B ON DEC 31	5 200 000	1977
1978	---	2 150E ON MAY 16	11.4B ON MAR 06 *	7 720 000	1978
1979	---	2 820 ON MAY 12	18.1B ON MAR 27	7 970 000	1979
1980	2 410 AT 12:07 EST ON MAY 02	2 390 ON MAY 02	23.8B ON MAR 18	11 500 000	1980
1981	1 820 AT 17:37 EST ON MAY 07	1 800 ON MAY 08	23.8B ON MAR 31	6 460 000	1981
1982	2 650 AT 03:41 EST ON MAY 07	2 610 ON MAY 08	14.0B ON FEB 15	5 890 000	1982
1983	---	3 600B ON MAY 23 *	18.0B ON MAR 20	9 230 000	1983
1984	1 620 AT 15:30 EST ON APR 26	1 620 ON APR 26	33.8 ON AUG 24	9 940 000	1984
1985	---	2 750 ON APR 27	30.0B ON MAR 20	7 720 000	1985
1986	1 720 AT 20:00 EST ON APR 30	1 710 ON APR 30	20.6B ON MAR 23	8 450 000	1986
1987	1 000 AT 14:20 EST ON APR 21	999 ON APR 21	21.4B ON MAR 17	6 000 000	1987
1988	1 690 AT 18:58 EST ON MAY 04	1 680 ON MAY 04	20.0B ON MAR 21	5 540 000	1988
1989	1 890 AT 13:45 EST ON MAY 07	1 870 ON MAY 07	28.0B ON MAR 21	8 400 000	1989
1990	2 780 AT 00:30 EST ON MAY 01 *	2 750 ON APR 30	22.0 ON SEP 10	6 930 000	1990
			22.7B ON MAR 09	10 300 000	MEAN
				7 840 000	

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

MISSISSAGI RIVER AT IRON BRIDGE - STATION NO. 02CC002

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1915	---	---	---	---	---	---	---	---	---	---	---	105	---	1915
1916	95.7	63.4	51.1	233	256	203	122	48.1	53.2	108	193	170	133	1916
1917	86.5	40.2	42.2	103	336	357	169	76.1	38.9	44.8	56.3	39.3	115	1917
1918	33.0	31.7	42.4	142	314	221	118	54.4	58.4	133	230	192	131	1918
1919	136	66.5	83.1	375	301	185	89.6	36.3	48.7	---	---	---	---	1919
MEAN	87.8	50.5	54.7	213	302	242	115	53.7	49.8	95.3	160	147	126	MEAN

LOCATION - LAT 46 16 45 N, LONG 083 13 25 W DRAINAGE AREA, 9 040 km² NATURAL FLOW DATA CONTRIBUTED BY - ONTARIO HYDRO

MISSISSAGI RIVER AT IRON BRIDGE - STATION NO. 02CC002

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1915	---	---	---	---	1915
1916	---	377 ON APR 26	30.9 ON SEP 02	4 200 000	1916
1917	---	566 ON JUN 05	29.2 ON SEP 26	3 610 000	1917
1918	---	419 ON MAY 21	26.1 ON FEB 09 *	4 130 000	1918
1919	---	626 ON APR 24 *	---	---	1919
				3 980 000	MEAN

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

MISSISSAGI RIVER AT MISSISSAGI - STATION NO. 02CC004

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1920	---	---	---	---	---	---	---	---	---	31.6	30.7	44.1	---	1920
1921	41.3	35.3	89.3	350	215	120	54.9	35.3	32.8	122	100	151	113	1921
1922	76.7	50.6	62.3	474	511	148	[illegible]	70.5	41.9	38.5	59.6	60.9	144	1922
1923	45.3	34.8	27.3	167	416	196	97.3	55.4	53.8	40.8	40.4	42.4	102	1923
1924	49.7	45.0	43.8	114	243	150	89.4	58.7	47.7	35.9	62.0	63.8	81.9	1924
1925	37.3	37.5	45.8	139	144	168	90.1	60.8	46.7	40.3	69.7	118	83.2	1925
1926	56.7	38.6	35.2	65.1	204	191	131	67.5	39.9	45.3	151	173	100	1926
1927	70.5	54.2	136	301	380	235	124.7	45.0	31.2	68.3	74.2	75.3	131	1927
1928	53.1	43.2	54.6	274	727	212	192	80.9	214	453	270	138	221	1928
1929	81.2	55.0	80.0	307	285	201	146	55.1	31.4	42.3	66.4	44.8	116	1929
1930	39.9	35.6	40.5	124	293	264	241	73.6	41.5	44.4	45.3	42.8	108	1930
1931	31.4	28.6	30.6	157	237	134	56.8	28.9	39.7	63.8	156	102	95.7	1931
1932	104	93.2	64.1	170	231	88.5	45.2	33.1	29.7	59.0	150	118	98.7	1932
1933	82.1	57.5	50.7	319	383	166	38.4	41.9	32.3	36.5	51.1	43.0	111	1933
1934	41.9	37.9	27.8	98.0	477	138	56.8	31.6	35.6	51.5	215	246	122	1934
1935	91.2	60.9	53.0	165	251	131	92.8	55.0	40.0	46.9	67.9	67.7	93.7	1935
1936	39.1	28.3	36.0	156	486	191	83.5	35.6	30.7	41.8	63.0	45.5	101	1936
1937	73.9	61.6	64.9	226	299	113	65.7	81.7	78.8	107	128	103	117	1937
1938	60.8	53.2	96.8	616	387	220	70.8	39.0	36.9	29.8	51.0	73.7	144	1938
1939	55.9	46.4	42.8	140	385	237	99.3	45.6	39.0	58.5	83.0	56.4	108	1939
1940	38.7	34.4	30.9	65.7	192	216	99.7	55.2	43.9	36.5	88.4	80.3	81.9	1940
1941	51.9	41.4	37.7	240	226	125	66.6	66.7	91.4	195	229	172	130	1941
1942	111	67.2	61.2	228	234	136	69.4	36.8	47.2	93.1	132	75.0	107	1942
1943	54.2	45.9	46.1	129	328	424	165	76.1	66.1	50.7	94.0	56.4	128	1943
1944	45.1	39.5	38.5	140	261	138	96.2	60.7	64.0	64.7	84.9	66.7	89.1	1944
1945	49.3	41.6	121	261	176	190	82.5	43.7	39.8	56.3	127	68.4	105	1945
1946	75.2	56.6	135	163	186	152	77.2	58.2	49.3	43.8	102	122	101	1946
1947	84.8	61.8	69.1	165	355	404	166	75.5	57.0	50.4	49.4	45.3	132	1947
1948	37.7	30.9	35.9	216	256	100	66.0	56.2	44.3	34.2	75.0	98.1	87.9	1948
1949	63.1	54.1	60.7	258	266	143	110	54.6	43.1	45.0	59.0	46.8	100	1949
1950	56.3	59.6	25.2	152	408	232	101	83.3	67.4	---	---	---	---	1950
MEAN	60.0	47.6	57.4	212	315	185	97.3	55.4	51.8	70.9	99.4	90.7	112	MEAN

LOCATION - LAT 46 14 40 N LONG 083 09 20 W DRAINAGE AREA, 9 270 km² REGULATED

MISSISSAGI RIVER AT MISSISSAGI - STATION NO. 02CC004

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1920	---	---	---	---	1920
1921	---	515 ON APR 20	30.3 ON SEP 03	3 570 000	1921
1922	---	796 ON APR 20	30.6 ON OCT 08	4 530 000	1922
1923	---	708 ON MAY 05	26.1B ON APR 01	3 210 000	1923
1924	---	309 ON MAY 02	28.2 ON NOV 06	2 590 000	1924
1925	---	257 ON APR 28	32.3B ON JAN 28	2 620 000	1925
1926	---	300 ON NOV 19	33.1B ON FEB 28	3 160 000	1926
1927	---	617 ON APR 22	27.6 ON SEP 18	4 120 000	1927
1928	---	1 040 ON MAY 24 *	40.2RB ON MAR 08	7 060 000	1928
1929	---	430 ON APR 10	25.8E ON SEP 28	3 670 000	1929
1930	---	498E ON JUL 01	34.0RB ON FEB 08	3 390 000	1930
1931	---	377 ON NOV 28	24.9 ON AUG 21 *	3 020 000	1931
1932	---	286 ON MAY 10	27.2 ON SEP 17	3 120 000	1932
1933	---	566 ON APR 23	28.9 ON SEP 26	3 500 000	1933
1934	---	762 ON MAY 07	27.2 ON SEP 02	3 850 000	1934
1935	---	362 ON MAY 02	36.0 ON SEP 28	2 950 000	1935
1936	---	688 ON MAY 17	27.8 ON OCT 04	3 190 000	1936
1937	---	521 ON MAY 22	47.0 ON JUL 25	3 690 000	1937
1938	---	940 ON APR 21	27.6 ON OCT 31	4 550 000	1938
1939	---	518 ON MAY 12	33.4 ON SEP 27	3 400 000	1939
1940	---	331 ON JUN 09	29.5RB ON MAR 26	2 590 000	1940
1941	---	445 ON APR 18	37.1B ON MAR 13	4 110 000	1941
1942	---	405 ON APR 24	30.6 ON SEP 12	3 370 000	1942
1943	---	648 ON JUN 20	43.9RB ON MAR 05	4 040 000	1943
1944	---	399 ON MAY 04	37.1RB ON MAR 08	2 820 000	1944
1945	---	399 ON MAR 30	36.0 ON SEP 03	3 300 000	1945
1946	---	317 ON MAY 27	37.1 ON OCT 25	3 200 000	1946
1947	---	583 ON JUN 17	40.2 ON OCT 31	4 170 000	1947
1948	---	374 ON APR 29	27.6 ON OCT 05	2 780 000	1948
1949	---	377 ON MAY 08	35.1 ON AUG 27	3 170 000	1949
1950	---	583 ON MAY 10	---	---	1950
				3 540 000	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD
R - REVISED SINCE JAN 01 1989

MISSISSAGI RIVER AT MISSISSAGI CHUTE - STATION NO. 02CC008

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1961	---	---	---	123	193	155	136	74.6	135	124	155	159	---	1961
1962	116	119	131	161	292	131	66.1	51.5	67.4	79.5	67.8	50.9	111	1962
1963	53.8	56.2	71.1	193	242	95.4	60.5	52.5	50.1	37.0	28.0	42.8	73.5	1963
1964	58.3	65.5	78.6	227	239	97.8	55.4	52.0	98.9	161	125	126	116	1964
1965	105	119	109	127	320	95.1	56.7	66.7	161	205	213	148	144	1965
1966	129	162	186	238	221	218	85.8	47.7	48.5	67.7	132	191	142	1966
1967	120	134	143	393	332	167	76.2	72.8	53.4	36.5	117	114	148	1967
1968	141	117	132	279	172	169	112	63.6	94.2	151	125	124	138	1968
1969	128	127	118	204	194	151	141	86.6	52.4	76.8	109	106	123	1969
1970	95.2	105	89.2	119	175	300	114	71.2	88.4	141	139	154	133	1970
1971	114	128	151	289	332	204	82.6	59.1	57.4	76.7	102	136	142	1971
1972	119	124	86.0	181	365	112	55.3	101	152	101	93.4	92.3	132	1972
1973	130	121	196	243	241	174	90.6	154	65.8	74.1	66.8	75.9	136	1973
1974	64.9	90.3	164	211	249	175	80.9	54.5	51.2	62.5	119	109	119	1974
1975	133	128	122	155	336	238	90.1	45.5	37.9	42.0	71.2	112	126	1975
1976	114	115	109	363	231	116	53.2	45.0	37.9	34.7	30.6	45.5	106	1976
1977	32.9	59.5	133	219	107	49.8	51.6	44.7	62.9	155	221	145	107	1977
1978	116	145	99.6	92.5	235	110	60.0	49.6	103	245	115	90.1	122	1978
1979	114	138	173	384	398	212	147	91.4	83.2	112	200	163	185	1979
1980	160	100	114	179	160	113	53.6	91.4	123	41.5	48.6	39.8	102	1980
1981	34.6	67.2	99.8	203	130	136	123	64.5	55.1	67.3	59.0	77.9	99.6	1981
1982	80.0	71.1	102	172	233	73.3	49.8	46.1	56.6	143	173	161	114	1982
1983	190	168	157	197	292	360	84.1	54.2	40.7	85.3	79.2	101	152	1983
1984	135	137	119	201	118	80.9	129	73.3	73.8	108	220	187	132	1984
1985	185	117	130	311	281	144	64.3	55.4	49.4	63.9	114	108	135	1985
1986	127	120	110	247	131	77.7	116	125	95.6	152	110	115	126	1986
1987	123	91.8	97.6	226	68.1	53.8	39.8	32.6	32.1	31.9	26.9	89.8	67.7	1987
1988	93.5	50.8	99.2	296	180	75.2	45.6	64.6	63.4	135	354	213	141	1988
1989	181	115	86.9	186	246	173	80.7	48.4	45.3	39.0	28.1	52.2	107	1989
1990	87.0	90.7	166	166	282	154	133	62.9	48.0	77.5	102	149	127	1990
MEAN	113	110	123	219	230	147	83.0	66.1	73.1	98.2	118	116	124	MEAN

LOCATION - LAT 46 12 04 N
LONG 083 01 32 W

DRAINAGE AREA, 9 300 km²
REGULATED

MISSISSAGI RIVER AT MISSISSAGI CHUTE - STATION NO. 02CC008

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1961	368 AT 03:00 EST ON JUN 28	---	---	---	1961
1962	530 AT 06:00 EST ON MAY 06	513 ON MAY 06	13.8 RB ON DEC 24	3 500 000	1962
1963	451 AT 04:00 EST ON APR 09	340 ON APR 22	2.08 ON NOV 04 *	2 320 000	1963
1964	524 AT 18:30 EST ON APR 30	510 ON APR 30	26.9 B ON JAN 05	3 680 000	1964
1965	569 AT 20:00 EST ON MAY 08	561 ON MAY 05	12.8 B ON APR 04	4 540 000	1965
1966	547 AT 06:00 EST ON APR 26	544 ON APR 26	41.1 ON SEP 27	4 470 000	1966
1967	714 AT 06:00 EST ON MAY 06	711 ON MAY 05	32.6 ON SEP 16	4 660 000	1967
1968	447 AT 22:00 EST ON APR 15	447 ON APR 17	47.0 ON AUG 19	4 360 000	1968
1969	428 AT 09:48 EST ON JUN 29	368 ON JUN 29	12.5 ON APR 06	3 870 000	1969
1970	886 AT 18:13 EST ON JUN 03	881 ON JUN 03	15.3 ON APR 05	4 200 000	1970
1971	595 AT 06:17 EST ON APR 22	586 ON APR 24	17.2 ON NOV 27	4 470 000	1971
1972	742 AT 11:43 EST ON MAY 06	733 ON MAY 05	14.8 ON MAR 19	4 170 000	1972
1973	479 AT 01:44 EST ON MAY 05	419 ON MAY 05	19.8 E ON DEC 25	4 290 000	1973
1974	498 AT 12:56 EST ON MAY 02	496 ON MAY 02	20.1 ON FEB 03	3 760 000	1974
1975	617 AT 09:49 EST ON MAY 07	597 ON MAY 07	19.3 ON APR 05	3 970 000	1975
1976	629 AT 07:32 EST ON APR 23	623 ON APR 23	8.27 ON DEC 27	3 350 000	1976
1977	413 AT 15:47 EST ON APR 22	399 ON APR 22	8.41A ON JAN 23	3 370 000	1977
1978	496 AT 00:28 EST ON MAY 15	413 ON OCT 08	15.4 ON APR 19	3 860 000	1978
1979	962 AT 12:51 EST ON APR 29 *	957 ON APR 29 *	20.0 ON MAR 04	5 820 000	1979
1980	329 AT 08:34 EST ON APR 13	327 ON APR 12	19.0 ON MAR 30	3 220 000	1980
1981	488 AT 04:38 EST ON APR 08	485 ON APR 07	14.8 ON FEB 15	3 140 000	1981
1982	453 AT 02:58 EST ON MAY 03	448 ON MAY 03	33.0 ON MAR 13	3 610 000	1982
1983	725 AT 09:23 EST ON JUN 03	701 ON JUN 03	32.4 ON NOV 06	4 780 000	1983
1984	461 AT 22:19 EST ON NOV 02	377 ON NOV 03	44.4 ON SEP 05	4 160 000	1984
1985	762 AT 21:24 EST ON APR 27	756 ON APR 28	36.7 ON NOV 03	4 270 000	1985
1986	335 AT 03:57 EST ON APR 10	314 ON APR 09	47.2 ON DEC 27	3 990 000	1986
1987	197 AT 22:55 EST ON APR 01	195 ON APR 15	13.4 ON NOV 02	2 130 000	1987
1988	609 AT 06:55 EST ON APR 11	588 ON APR 11	20.3 ON FEB 27	4 450 000	1988
1989	392 AT 04:10 EST ON MAY 08	390 ON MAY 08	17.2 ON NOV 07	3 370 000	1989
1990	532 AT 15:31 EST ON MAY 18	526 ON MAY 18	23.2 ON OCT 03	4 000 000	1990
				3 920 000	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX)
B - ICE CONDITIONS
E - ESTIMATED

* - EXTREME RECORDED FOR THE PERIOD OF RECORD
R - REVISED SINCE JAN 01 1989

MISSISSAGI RIVER AT RAYNER GENERATING STATION - STATION NO. 02CC007

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1950	---	---	---	---	---	---	---	---	---	47.6	24.9	31.8	---	1950
1951	42.7	64.2	72.2	226	148	98.0	92.8	63.5	68.6	109	152	111	104	1951
1952	68.5	74.8	74.3	185	118	95.3	144	170	86.6	76.5	64.2	72.6	104	1952
1953	72.3	79.1	123	188	225	154	119	59.3	48.0	70.8	50.6	66.4	108	1953
1954	63.6	71.0	82.6	173	174	164	66.8	43.7	57.4	134	97.0	77.3	100	1954
1955	75.2	82.5	76.9	148	98.7	66.0	28.6	3.92	18.4	13.4	40.4	43.1	57.6	1955
1956	41.5	64.1	79.4	93.2	128	77.1	105	53.6	31.8	44.5	42.3	36.6	66.5	1956
1957	45.9	80.8	83.4	154	124	72.1	110	26.6	49.5	48.9	47.5	44.8	74.7	1957
1958	67.7	83.5	83.4	73.5	68.3	47.9	38.9	19.0	14.9	30.9	49.9	56.2	52.7	1958
1959	56.5	55.8	53.5	84.9	138	57.4	29.8	7.97	14.6	77.2	99.4	76.3	62.7	1959
1960	76.0	83.5	80.1	155	396	122	51.0	41.0	63.4	63.0	76.3	81.4	108	1960
1961	79.0	64.1	63.1	85.5	126	96.3	84.8	50.9	83.4	77.1	101	101	82.9	1961
1962	81.5	93.5	104	93.1	185	88.8	67.7	38.1	46.6	53.7	42.7	27.5	75.1	1962
1963	38.7	42.2	51.9	86.0	81.0	54.2	43.5	33.6	33.0	22.6	14.1	21.4	43.2	1963
1964	41.5	47.8	56.0	121	142	57.6	46.9	32.0	59.8	90.5	76.3	81.9	70.6	1964
1965	82.7	101	90.9	66.5	207	62.1	39.5	47.5	110	125	139	94.2	97.1	1965
1966	83.9	117	131	131	153	167	48.9	33.8	37.8	43.8	81.6	139	97.2	1966
1967	82.8	99.1	111	240	202	114	53.4	47.8	40.1	42.0	56.9	65.8	96.2	1967
1968	76.5	78.8	85.1	164	99.6	122	74.3	42.3	52.1	87.2	83.2	83.2	87.2	1968
1969	82.9	81.1	81.0	96.9	112	83.0	76.2	44.2	35.8	41.8	62.2	73.4	72.5	1969
1970	71.4	77.9	68.2	55.2	89.3	169	76.7	49.6	54.9	82.9	78.3	94.1	80.6	1970
1971	81.1	100	100	159	219	152	55.0	45.0	43.5	62.0	72.4	91.0	96.6	1971
1972	80.6	96.4	62.0	91.6	218	79.6	39.7	75.6	114	69.6	58.5	66.8	88.4	1972
1973	97.2	89.1	124	149	156	119	55.8	101	43.1	53.8	42.9	51.6	90.2	1973
1974	39.9	68.0	127	106	161	115	57.5	36.8	38.9	47.2	81.6	80.3	80.0	1974
1975	97.0	97.2	95.3	73.4	202	170	63.7	29.0	24.9	31.1	48.5	76.9	84.0	1975
1976	87.8	89.6	81.1	208	148	84.8	38.0	32.8	29.6	54.3	18.8	16.2	71.5	1976
1977	20.3	41.9	90.8	107	69.1	33.2	34.4	32.6	44.3	91.5	137	89.9	65.9	1977
1978	81.8	113	77.0	44.0	133	73.4	36.6	32.9	69.0	159	74.7	65.5	79.9	1978
1979	84.4	105	106	209	293	152	92.7	61.9	56.7	67.9	120	102	121	1979
1980	120	69.3	86.8	81.8	98.6	75.1	33.8	75.5	99.5	25.0	27.2	23.6	67.9	1980
1981	18.5	40.9	68.3	162	84.6	77.3	84.5	46.3	38.1	41.2	31.6	51.8	62.1	1981
1982	63.6	52.3	70.4	77.1	135	43.7	30.6	32.2	31.7	81.4	100	95.0	68.5	1982
1983	137	129	99.8	96.5	213	290	58.0	36.8	35.1	56.2	47.0	66.6	105	1983
1984	102	103	83.6	114	88.8	47.6	94.9	52.0	43.7	65.8	148	115	86.4	1984
1985	131	84.6	91.8	179	190	104	42.6	31.2	29.5	36.5	58.9	70.0	87.4	1985
1986	100	95.2	78.1	127	75.3	43.9	84.7R	83.8	60.2	108	74.8	86.3	84.9 R	1986
1987	99.3R	67.5	71.1R	70.1	39.5	30.8	22.5	18.8	20.5	19.1	9.62	60.7	44.1 R	1987
1988	68.2	30.3	70.1	145	111	48.3	26.4	45.5	46.3	82.3	226	154	88.0	1988
1989	136	81.9	60.8	86.2	160	122	53.8	18.8	31.4	29.0	14.1	37.5	69.2	1989
1990	64.9	70.1	112	97.4	176	104	86.5	40.3	33.6	50.5	63.4	99.4	83.4	1990
MEAN	76.5R	79.2	85.2R	125	151	98.3	61.5R	46.0	48.5	63.0	71.6	72.7	81.6 R	MEAN

LOCATION - LAT 46 26 07 N LONG 083 23 05 W DRAINAGE AREA, 6 840 km² REGULATED

R - REVISED SINCE JAN 01 1989

MISSISSAGI RIVER AT RAYNER GENERATING STATION - STATION NO. 02CC007

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1950	---	---	---	---	1950
1951	---	484 ON APR 14	10.5 ON JAN 01	3 280 000	1951
1952	---	445 ON APR 21	26.0 ON DEC 26	3 290 000	1952
1953	---	377 ON MAY 13	9.34 ON AUG 16	3 420 000	1953
1954	---	388 ON APR 28	4.16 ON AUG 01	3 160 000	1954
1955	---	326 ON APR 16	0 ON AUG 07 *	1 820 000	1955
1956	---	246 ON APR 14	0 ON SEP 30	2 100 000	1956
1957	---	487 ON APR 26	0 ON OCT 20	2 360 000	1957
1958	---	85.5 ON JUN 05	0 ON JAN 01	1 660 000	1958
1959	---	263 ON OCT 26	0 ON JAN 03	1 980 000	1959
1960	---	654 ON MAY 13	0 ON APR 09	3 430 000	1960
1961	---	336 ON MAY 17	0 ON APR 09	2 610 000	1961
1962	---	148 ON MAY 04	0 ON DEC 23	2 370 000	1962
1963	---	129 ON APR 22	0 ON JAN 06	1 360 000	1963
1964	---	334 ON APR 30	0.311 ON JUL 01	2 230 000	1964
1965	---	368 ON MAY 05	15.5 ON APR 04	3 060 000	1965
1966	---	351 ON APR 26	22.8 ON AUG 20	3 060 000	1966
1967	---	459 ON MAY 06	21.8 ON NOV 02	3 040 000	1967
1968	---	306 ON APR 17	0 ON FEB 10	2 760 000	1968
1969	---	197 ON APR 29	0 ON APR 04	2 290 000	1969
1970	---	445 ON JUN 02	0 ON APR 05	2 540 000	1970
1971	---	396 ON APR 24	0 ON JAN 01	3 050 000	1971
1972	---	411 ON MAY 06	0 ON JAN 01	2 790 000	1972
1973	---	272 ON MAY 04	0 ON JAN 14	2 850 000	1973
1974	---	337 ON MAY 02	0 ON JAN 25	2 520 000	1974
1975	---	439 ON MAY 06	0 ON JAN 05	2 650 000	1975
1976	---	422 ON APR 27	0 ON JUL 10	2 260 000	1976
1977	---	246 ON NOV 05	0 ON JAN 02	2 080 000	1977
1978	---	303 ON OCT 11	0 ON JAN 01	2 520 000	1978
1979	---	657 ON MAY 01 *	0 ON JAN 01	3 810 000	1979
1980	---	208 ON APR 11	0 ON MAR 29	2 150 000	1980
1981	---	295 ON APR 03	0 ON JAN 04	1 960 000	1981
1982	---	285 ON MAY 12	0 ON AUG 21	2 160 000	1982
1983	---	621 ON JUN 04	0 ON AUG 28	3 320 000	1983
1984	---	302 ON NOV 02	0 ON OCT 07	2 730 000	1984
1985	---	509 ON APR 28	0 ON AUG 11	2 760 000	1985
1986	---	219 ON APR 22	0 ON JUL 06	2 680 000	1986
1987	---	201 ON MAR 09	0 ON FEB 28	1 390 000	1987
1988	---	351 ON NOV 13	0 ON JUL 23	2 780 000	1988
1989	---	271 ON MAY 07	0 ON AUG 05	2 180 000	1989
1990	---	369 ON MAY 18	0 ON JAN 01	2 630 000	1990
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		2 580 000	MEAN

MISSISSAGI RIVER AT RED ROCK FALLS - STATION NO. 02CC009

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1960	---	---	---	---	---	---	---	---	---	---	---	104	---	1960
1961	89.9	70.4	72.7	104	167	132	116	63.7	120	109	139	136	110	1961
1962	98.7	102	112	142	268	108	55.2	44.2	56.0	64.1	53.8	42.3	95.6	1962
1963	48.2	51.6	65.0	162	213	72.9	51.7	45.2	43.0	29.9	23.3	37.9	61.8	1963
1964	54.4	60.3	71.3	216	220	86.0	56.7	43.2	78.7	125	102	116	103	1964
1965	104	119	109	128	302	90.0	55.8	64.3	155	182	185	128	135	1965
1966	114	141	161	219	194	197	57.4	42.8	44.4	61.9	124	188	128	1966
1967	107	117	126	362	305	154	70.3	67.3	49.5	52.7	97.4	93.4	133	1967
1968	90.4	92.7	107	251	151	152	99.2	55.3	80.1	126	110	107	119	1968
1969	105	104	96.9	179	166	136	121	59.5	46.5	69.0	96.3	96.1	106	1969
1970	84.2	92.2	79.3	102	149	282	102	63.1	79.5	124	121	134	118	1970
1971	97.9	114	130	259	296	182	44.0	53.7	51.5	69.6	95.2	121	126	1971
1972	107	111	76.1	157	327	98.6	50.0	92.4	139	91.1	82.6	83.3	118	1972
1973	117	108	174	217	220	154	78.1	141	58.4	69.9	61.1	72.4	123	1973
1974	85.8	81.9	147	191	223	158	72.6	47.0	46.6	58.3	111	100	108	1974
1975	119	114	110	138	295	221	79.8	40.1	31.6	38.0	65.5	104	113	1975
1976	102	99.3	99.5	330	200	106	46.9	40.0	33.3	30.2	24.4	21.1	94.0	1976
1977	25.6	49.6	114	193	96.5	44.0	46.7	39.8	57.5	139	194	128	94.2	1977
1978	103	132	89.2	80.8	213	101	54.6	45.8	99.3	224	103	87.7	111	1978
1979	99.0	116	149	369	376	195	128	79.4	72.8	105	196	151	170	1979
1980	147	93.9	106	172	151	105	46.9	85.3	112	35.9	42.8	33.5	94.2	1980
1981	97.2	54.0	88.0	273	116	126	112	58.5	49.9	61.2	51.9	69.1	90.5	1981
1982	77.0	61.8	87.4	152	219	63.4	45.3	39.9	48.7	131	154	141	102	1982
1983	177	147	137	182	265	351	70.8	47.7	42.7	77.9	68.6	83.5	139	1983
1984	113	118	102	185	101	71.0	115	63.5	65.3	99.2	211	172	118	1984
1985	161	105	115	302	264	134	57.6	48.9	43.6	58.1	104	97.8	124	1985
1986	118	111	97.5	223	119	69.1	109	117	89.6	145	95.4	102	116	1986
1987	110	78.9	87.9R	110	57.9	45.6	32.8	25.7	25.9	26.1	20.8	79.8	58.3R	1987
1988	80.4	42.9	85.5	279	160	64.1	38.8	56.9	54.6	123	347	214	129	1988
1989	164	95.6	74.9	167	234	156	67.0	41.7	40.2	33.4	22.0	43.1	94.9	1989
1990	68.2	77.2	144	148	257	128	112	51.6	40.4	64.9	82.6	129	109	1990
MEAN	99.1	95.4	107 R	200	208	133	73.0	58.8	65.2	87.5	106	104	111 R	MEAN

LOCATION - LAT 46 18 57 N LONG 083 17 27 W DRAINAGE AREA, 9 010 km² REGULATED

R - REVISED SINCE JAN 01 1989

MISSISSAGI RIVER AT RED ROCK FALLS - STATION NO. 02CC009

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1960	---	---	---	---	
1961	---	---	---	---	1960
1962	---	303 ON MAY 17	0 ON MAR 19 *	3 470 000	1961
1963	---	504 ON MAY 04	0 ON APR 20	3 010 000	1962
1964	---	200 ON APR 09	0 ON JAN 06	1 950 000	1963
		476 ON MAY 01	3.48 ON APR 05	3 240 000	1964
1965	---	524 ON MAY 04	12.8 ON APR 04	4 270 000	1965
1966	---	510 ON APR 25	52.4 ON SEP 23	4 040 000	1966
1967	---	708 ON MAY 05	26.8 ON OCT 29	4 200 000	1967
1968	---	413 ON APR 14	40.2 ON FEB 04	3 760 000	1968
1969	---	328 ON JUN 30	0 ON APR 04	3 350 000	1969
1970	---	875 ON JUN 03	0 ON APR 04	3 710 000	1970
1971	---	569 ON APR 22	1.87 ON JAN 10	3 980 000	1971
1972	---	694 ON MAY 06	0 ON JAN 09	3 730 000	1972
1973	---	450 ON MAY 24	0 ON OCT 27	3 870 000	1973
1974	---	442 ON MAY 02	0 ON JAN 23	3 390 000	1974
1975	---	521 ON MAY 07	0 ON APR 04	3 560 000	1975
1976	---	578 ON APR 23	0 ON MAR 14	2 970 000	1976
1977	---	360 ON APR 23	0 ON JAN 01	2 970 000	1977
1978	---	405 ON OCT 13	0 ON APR 08	3 500 000	1978
1979	---	972 ON APR 28 *	0 ON JAN 01	5 350 000	1979
1980	---	340 ON APR 12	5.30 ON MAR 29	2 980 000	1980
1981	---	501 ON APR 07	0 ON JAN 04	2 850 000	1981
1982	---	442 ON MAY 02	24.2 ON MAR 11	3 220 000	1982
1983	---	743 ON JUN 03	25.1 ON NOV 05	4 380 000	1983
1984	---	406 ON NOV 02	38.1 ON SEP 09	3 730 000	1984
1985	---	785 ON APR 27	24.5 ON NOV 02	3 920 000	1985
1986	---	321 ON APR 29	18.7 ON JAN 12	3 670 000	1986
1987	---	188 ON APR 15	0 ON NOV 01	1 840 000	1987
1988	---	590 ON APR 10	9.50 ON JAN 03	4 070 000	1988
1989	---	385 ON MAY 08	7.70 ON NOV 04	2 990 000	1989
1990	---	504 ON MAY 18	11.8 ON NOV 11	3 430 000	1990
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		3 510 000	MEAN

MISSISSAGI RIVER AT ROCKY ISLAND LAKE - STATION NO. 02CB002

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1950	---	---	---	---	---	---	---	39.8	33.2	33.1	0.036	1.09	---	
1951	23.9	51.7	24.7	11.7	17.6	22.0	35.1	42.5	34.7	0.980	51.9	43.4	29.8	1950
1952	39.6	60.8	62.2	22.4	40.8	22.1	32.6	52.5	28.0	44.1	35.9	7.17	34.4	1951
1953	50.0	60.6	68.1	20.0	73.2	30.6	34.4	20.9	19.4	50.4	29.3	18.2	41.2	1952
1954	46.0	50.3	51.8	8.11	0.394	62.5	23.1	22.9	50.4	45.4	38.8	57.3	38.0	1953
														1954
1955	63.1	62.7	34.5	6.28	18.6	7.63	6.34	0	0	0	0	11.2	17.3	1955
1956	28.4	53.2	53.1	6.94	0	1.39	34.1	15.2	13.3	24.0	29.2	19.4	23.1	1956
1957	45.0	70.7	46.9	2.43	5.32	4.32	39.8	10.6	37.3	40.6	13.9	0.009	26.1	1957
1958	48.8	69.6	48.6	3.61	23.7	11.1	0	0	0	0	9.29	29.6	20.1	1958
1959	41.2	40.1	23.1	4.48	0	0	0	0	1.92	27.8	38.1	49.8	18.8	1959
1960	58.3	56.9	50.0	6.39	84.6	44.8	25.4	18.0	36.3	37.2	19.5	48.4	40.6	1960
1961	67.1	56.2	28.8	0	6.72	0	20.8	17.7	31.3	28.5	38.3	41.2	28.0	1961
1962	56.2	74.6	73.1	1.71	8.26	37.0	37.5	28.5	24.5	41.4	22.5	12.5	34.7	1962
1963	17.3	31.5	20.7	0.141	15.0	8.33	15.5	19.9	20.5	15.4	2.42	0	13.8	1963
1964	28.3	35.2	21.5	6.37	4.32	1.81	13.0	17.1	29.5	18.3	24.9	35.6	19.6	1964
1965	64.4	80.7	51.9	4.97	0.006	0	8.22	14.7	42.9	43.1	54.4	36.4	33.2	1965
1966	46.4	85.8	56.5	0.807	27.7	64.2	18.7	24.1	30.6	13.9	24.2	67.5	38.1	1966
1967	47.9	81.6	77.6	13.8	28.0	42.8	19.2	26.0	33.2	---	---	---	---	1967
MEAN	45.4	60.1	46.7	7.07	19.1	22.4	21.4	20.6	26.0	27.3	25.4	27.9	28.5	MEAN

LOCATION - LAT 46 52 00 N DRAINAGE AREA 2 150 km^2
LONG 083 09 19 W REGULATED SINCE 1950

MISSISSAGI RIVER AT ROCKY ISLAND LAKE - STATION NO. 02CB002

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1950	---	---	---	---	
1951	---	74.8 ON FEB 22	0 ON MAR 22 *	---	1950
1952	---	92.3 ON AUG 16	0 ON APR 18	941 000	1951
1953	---	125 ON MAY 15	0 ON APR 22	1 090 000	1952
1954	---	118 ON OCT 23	0 ON JAN 03	1 300 000	1953
				1 200 000	1954
1955	---	86.9 ON JAN 27	0 ON APR 14	546 000	1955
1956	---	92.3 ON MAR 21	0 ON FEB 04	731 000	1956
1957	---	101 ON JUL 09	0 ON APR 05	822 000	1957
1958	---	93.2 ON FEB 14	0 ON APR 11	634 000	1958
1959	---	68.5 ON DEC 18	0 ON APR 15	592 000	1959
1960	---	212 ON MAY 14 *	0 ON APR 14	1 280 000	1960
1961	---	88.6 ON JAN 25	0 ON MAR 30	882 000	1961
1962	---	101 ON MAR 16	0 ON APR 03	1 090 000	1962
1963	---	49.6 ON MAY 28	0 ON MAR 29	436 000	1963
1964	---	58.3 ON DEC 31	0 ON JAN 01	621 000	1964
1965	---	103 ON FEB 04	0 ON APR 15	1 050 000	1965
1966	---	114 ON NOV 30	0 ON MAR 25	1 200 000	1966
1967	---	---	0 ON APR 14	---	1967
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		901 000	MEAN

MISSISSAGI RIVER BELOW AUBREY FALLS - STATION NO. 02CB001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1946	---	---	---	---	---	---	---	23.1	18.8	16.2	27.7	39.1	---	1946
1947	33.3	24.9	19.4	32.9	134	171	83.2	35.9	24.0	22.7	19.1	18.0	51.6	1947
1948	15.4	12.2	11.0	49.7	107	41.3	28.4	24.3	10.1	12.9	23.1	36.7	31.9	1948
1949	24.5	19.5	18.0	75.3	111	58.8	42.3	18.4	14.0	16.3	16.3	13.0	35.7	1949
1950	14.9	18.5	14.8	29.8	108	109	50.3	47.4	40.2	37.2	9.76	13.8	41.3	1950
1951	27.5	53.3	40.6	97.0	67.0	54.7	55.1	47.5	45.9	36.3	---	---	---	1951
1963	---	---	---	---	---	---	---	---	---	21.2	9.26	7.12	---	1963
1964	23.9	30.9	19.0	36.5	58.8	29.3	30.0	23.2	39.6	38.4	39.4	52.1	35.1	1964
1965	67.2	86.2	59.0	23.4	67.8	28.5	19.4	28.2	58.3	67.1	77.2	54.6	52.9	1965
1966	54.8	93.2	67.0	45.1	76.9	109	32.2	27.0	29.5	24.1	39.7	82.9	56.5	1966
1967	86.6	83.1	86.1	74.9	91.2	67.3	35.1	32.1	32.4	32.8	28.7	43.2	54.9	1967
1968	63.7	65.3	54.6	54.5	43.6	48.5	35.5	33.4	26.6	37.5	40.4	62.5	48.6	1968
1969	55.9	58.5	55.5	0.15	41.6	40.8	54.6	39.4	29.1	33.3	25.2	54.2	41.4	1969
1970	65.1	68.0	36.9	21.0	24.4	67.9	49.5	30.5	22.8	41.0	42.8	52.0	43.3	1970
1971	75.1	82.0	64.5	40.7	70.2	92.2	44.6	28.4	24.0	34.5	35.8	45.3	50.4	1971
1972	63.6	75.0	43.2	20.7	69.8	36.5	42.5	42.9	74.9	40.5	34.9	50.1	47.9	1972
1973	70.1	71.9	67.0	47.6	67.0	72.6	39.2	60.8	24.7	24.3	27.1	47.9	50.6	1973
1974	25.9	55.7	89.2	22.9	64.3	60.7	36.2	26.2	27.8	21.1	31.9	54.6	43.0	1974
1975	71.5	74.6	59.3	14.4	74.7	103	42.9	18.4	20.0	19.8	22.0	40.9	46.7	1975
1976	70.0	70.4	39.5	46.8	87.4	52.2	26.2	23.7	22.5	26.7	11.6	20.8	41.4	1976
1977	17.6	36.6	47.2	21.1	28.7	23.0	22.1	25.2	24.6	41.7	60.5	49.3	33.1	1977
1978	89.5	91.7	52.7	12.6	33.5	32.8	18.7	21.1	43.8	85.6	45.3	39.8	45.3	1978
1979	72.8	87.0	52.9	50.8	183	95.1	58.2	37.7	46.0	32.3	47.4	55.9	68.2	1979
1980	89.7	49.4	54.6	15.1	37.4	40.5	30.8	57.2	81.5	14.2	16.2	10.9	40.6	1980
1981	8.79	31.6	36.3	36.1	35.7	28.5	52.1	33.5	28.6	28.2	14.2	37.3	30.9	1981
1982	53.0	42.4	32.3	17.8	31.9	19.2	18.5	23.5	19.3	30.6	57.7	49.4	32.9	1982
1983	99.6	103	39.5	18.3	82.9	172	38.9	29.1	22.9	28.1	16.5	41.4	57.3	1983
1984	84.5	80.6	40.4	27.0	29.3	21.0	52.6	32.4	23.1	29.6	72.6	58.5	45.9	1984
1985	92.2	73.1	60.4	40.5	80.0	58.4	26.2	19.8	18.0	14.7	18.4	43.7	45.3	1985
1986	84.5	73.0	40.4	29.5	34.6	15.5	44.6	48.3	32.8	56.2 R	43.8	64.0	47.2 R	1986
1987	84.2	55.4	27.8R	32.3	14.5	7.97	11.0	11.1	10.2	8.51	2.87	39.1	25.3 R	1987
1988	54.0	18.0	30.6	27.9	42.2	28.1	22.0	25.3	26.4	30.5	93.2	94.1	41.1	1988
1989	118	63.2	33.6	16.4	57.1	68.4	38.2	11.1	10.2	17.8	8.23	28.2	39.2	1989
1990	56.6	56.3	50.0	30.7	64.1	60.1	53.0	29.9	27.1	26.7	32.8	62.3	45.8	1990
MEAN	58.2	59.5	45.1R	34.8	66.3	59.8	37.3	30.8	30.5	31.1 R	33.1	43.7	44.2 R	MEAN

LOCATION - LAT 46 54 42 N DRAINAGE AREA, 4 040 km²
LONG 083 12 38 W REGULATED

R - REVISED SINCE JAN 01 1989

MISSISSAGI RIVER BELOW AUBREY FALLS - STATION NO. 02CB001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1946	---	---	---	---	1946
1947	---	212 ON JUN 19	16.3 B ON DEC 31	1 630 000	1947
1948	---	133 ON MAY 02	10.3 RB ON MAR 14	1 010 000	1948
1949	---	144 ON MAY 11	7.70 ON SEP 02	1 120 000	1949
1950	---	188 ON MAY 30	6.85 ON NOV 12	1 300 000	1950
1951	---	139 ON APR 14	---	---	1951
1963	---	---	---	---	1963
1964	86.7 AT 03:00 EST ON MAY 26	81.6 ON APR 29	7.62 B ON JAN 01	1 110 000	1964
1965	119 AT 06:00 EST ON SEP 25	118 ON SEP 25	15.1 ON JUL 03	1 670 000	1965
1966	166 AT 22:30 EST ON JUN 10	165 ON JUN 11	8.16 ON SEP 24	1 780 000	1966
1967	119 AT 06:00 EST ON MAR 05	117 ON MAR 05	16.5 ON NOV 16	1 730 000	1967
1968	---	87.5E ON JAN 20	13.5 ON FEB 10	1 540 000	1968
1969	328 AT 21:12 EST ON DEC 23 *	143 ON OCT 24	0.057 ON JUN 07	1 310 000	1969
1970	309 AT 20:57 EST ON JUL 06	178 ON JUL 01	0.079 ON APR 05	1 370 000	1970
1971	306 AT 19:37 EST ON JAN 06	186 ON JAN 29	0.269 ON NOV 28	1 590 000	1971
1972	---	178 ON SEP 05	0 ON JAN 01 *	1 320 000	1972
1973	---	152 ON JAN 08	0 ON JAN 14	1 600 000	1973
1974	---	163 ON MAR 08	0 ON JAN 06	1 360 000	1974
1975	---	122 ON JUN 23	0 ON APR 01	1 470 000	1975
1976	---	168 ON MAY 21	0 ON MAR 20	1 310 000	1976
1977	---	130 ON NOV 04	0 ON JAN 02	1 040 000	1977
1978	---	188 ON OCT 10	0 ON JAN 22	1 430 000	1978
1979	---	345 ON MAY 01	0 ON MAR 03	2 150 000	1979
1980	---	147 ON AUG 30	0 ON MAR 23	1 280 000	1980
1981	---	134 ON MAR 22	0 ON JAN 01	976 000	1981
1982	---	119 ON JAN 22	0 ON FEB 15	1 040 000	1982
1983	---	353 ON JUN 02 *	0 ON APR 16	1 810 000	1983
1984	---	150 ON FEB 08	0 ON APR 29	1 450 000	1984
1985	---	167 ON APR 30	0 ON APR 24	1 430 000	1985
1986	---	184 ON FEB 04	0 ON APR 26	1 490 000	1986
1987	---	170 ON MAR 02	0 ON MAR 07	797 000	1987
1988	---	145 ON DEC 06	0 ON JAN 01	1 300 000	1988
1989	---	184 ON JAN 15	0 ON MAR 03	1 240 000	1989
1990	---	141 ON FEB 16	0 ON JAN 01	1 440 000	1990
				1 400 000	MEAN

B - ICE CONDITIONS
E - ESTIMATED

* - EXTREME RECORDED FOR THE PERIOD OF RECORD
R - REVISED SINCE JAN 01 1989

MISSISSAGI RIVER BELOW IRON BRIDGE - STATION NO. 02CC003

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1919	---	---	---	---	---	---	---	---	---	114	226	159	---	1919
1920	59.2	40.7	126	395	311	161	105	35.2	37.1	---	---	---	---	1920
MEAN	59.2	40.7	126	395	311	161	105	35.2	37.1	114	226	159	---	MEAN

LOCATION - LAT 46 15 15 N LONG 083 11 05 W DRAINAGE AREA, 9 250 km² REGULATED DATA CONTRIBUTED BY - ONTARIO HYDRO

MISSISSAGI RIVER BELOW IRON BRIDGE - STATION NO. 02CC003

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1919	---	---	---	---	1919
1920	---	---	---	---	1920
				---	MEAN

MISSISSAGI RIVER NEAR WHARNCLIFFE - STATION NO. 02CC006

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1947	---	---	---	---	---	311	134	52.8	36.7	33.6	32.8	31.4	---	1947
1948	25.3	20.7	22.5	145	193	69.6	46.9	37.1	32.3	46.2	52.1	67.4	61.6	1948
1949	44.7	37.7	37.9	168	198	100	75.1	38.5	34.3	34.6	40.3	30.6	70.1	1949
1950	32.6	35.4	3.85	64.2	258	172	76.7	77.7	55.0	---	---	---	---	1950
MEAN	34.2	31.3	21.4	126	216	163	83.2	51.5	39.6	31.5	41.7	43.1	65.8	MEAN

LOCATION - LAT 46 24 50 N LONG 083 23 35 W DRAINAGE AREA, 7 100 km² REGULATED

MISSISSAGI RIVER NEAR WHARNCLIFFE - STATION NO. 02CC006

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1947	---	---	---	---	1947
1948	---	---	---	1 950 000	1948
1949	---	286 ON APR 29 *	20.7B ON FEB 01 *	2 210 000	1949
		232E ON MAY 01	24.8 ON AUG 29		
1950	---	---	---	---	1950
		---	---	2 080 000	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

MISSISSAGUA RIVER BELOW MISSISSAGUA LAKE - STATION NO. 02HH002

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1972	---	2.35	1.92	3.36	12.4	8.51	5.56	1.90	5.47	3.08	5.42	5.15	---	1972
1973	6.07	5.77	4.49	14.7	4.46	3.12	2.83	1.44	5.86	5.98	4.42	4.60	4.87	1973
1974	4.16	4.63	1.30	13.8	13.1	1.61	2.87	1.56	2.69	3.88	4.14	4.15	4.82	1974
1975	3.43	3.00	4.36	7.13	8.22	0.571	2.65	3.73	1.68	2.58	1.25	1.85	3.38	1975
1976	2.80	3.39	8.54	9.35	5.80	2.45	2.58	3.63	3.37	3.16	1.84	1.98	4.09	1976
1977	1.78	1.53	1.25	4.11	1.94	2.67	1.88	1.75	3.50	2.72	1.56	8.49	2.86	1977
1978	7.54	3.43	1.72	5.77	11.4	2.13	2.82	2.87	5.84	3.71	3.22	4.74	4.62	1978
1979	5.01	4.15	3.21	15.3	4.56	3.99	3.52	3.02	4.68	3.50	5.65	8.63	5.43	1979
1980	7.29	0.891	0.424	13.3	3.32	2.04	1.59	2.58	5.89	4.41	4.23	4.77	4.22	1980
1981	3.40	2.77	5.04	6.95	4.01	2.49	2.87	2.20	6.18	4.97	5.14	4.03	4.17	1981
1982	3.02	5.42	2.51	6.64	4.36	3.52	2.52	4.09	4.28	4.68	5.82	10.6	4.55	1982
1983	8.66	3.29	0.461	6.15	14.2	3.69	3.02	3.05	2.64	0.964	1.13	2.62	4.17	1983
1984	2.69	6.18	6.26	7.33	4.98	2.16	1.83	3.71	6.01	2.95	2.53	3.39	4.15	1984
1985	7.17	4.51	7.59	12.2	2.79	2.70	2.55	2.52	9.55	7.46	6.41	7.82	6.10	1985
1986	4.48	3.54	3.85	4.22	5.28	6.67	4.05	3.22	11.4	12.7	4.91	3.42	5.48	1986
1987	3.25	2.62	2.29	4.66	3.14	1.92	2.66	3.74	2.54	5.10	1.42	5.25	2.98	1987
1988	4.86	2.75	2.63	5.29	4.17	3.60	3.65	2.01	2.75	3.36	3.09	3.69	3.40	1988
1989	3.15	1.07	1.19	2.16	6.47	4.07	3.81	4.17	2.81	3.65	5.83	5.94	3.71	1989
1990	4.04	4.14	2.79	7.59	7.07	2.80	2.28	3.32	5.00	5.20	4.24	6.34	4.57	1990
MEAN	4.60	3.29	3.25	7.79	6.41	3.20	2.92	2.87	4.85	4.06	3.75	5.13	4.31	MEAN

LOCATION - LAT 44 40 30 N LONG 078 20 45 W DRAINAGE AREA, 326 km² REGULATED

MISSISSAGUA RIVER BELOW MISSISSAGUA LAKE - STATION NO. 02HH002

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1972	26.4 AT 14:44 EST ON JUN 26	26.1 ON JUN 25	0.597 ON APR 09	---	1972
1973	32.0 AT 08:43 EST ON APR 05	31.7 ON APR 05	0.677 ON AUG 04	154 000	1973
1974	29.7 AT 19:10 EST ON APR 19	29.2 ON APR 20	0.507 ON JUN 26	152 000	1974
1975	31.7 AT 19:09 EST ON APR 30	30.9 ON MAY 01	0.462 ON MAY 20	107 000	1975
1976	23.3 AT 09:14 EST ON APR 02	21.6 ON APR 01	1.39 ON SEP 28	129 000	1976
1977	13.8 AT 11:30 EST ON DEC 29	13.4 ON DEC 30	0.184 ON MAY 16	90 000	1977
1978	26.2 AT 21:04 EST ON MAY 16	25.4 ON MAY 17	0.258 ON MAR 30	146 000	1978
1979	25.5 AT 05:30 EST ON APR 07	24.9 ON APR 07	1.06 ON MAR 17	171 000	1979
1980	30.1 AT 02:10 EST ON APR 17	29.8 ON APR 16	0.179 ON FEB 21 *	134 000	1980
1981	14.2 AT 05:31 EST ON SEP 17	13.9 ON SEP 17	1.14 ON APR 01	132 000	1981
1982	16.0 AT 10:30 EST ON APR 28	16.0 ON APR 28	0.777 ON JUL 09	144 000	1982
1983	33.0 AT 20:57 EST ON MAY 09 *	31.9 ON MAY 10 *	0.344 ON MAR 01	132 000	1983
1984	16.4 AT 23:17 EST ON APR 20	16.2 ON APR 20	0.794 ON APR 04	131 000	1984
1985	25.6 AT 11:24 EST ON APR 24	25.6 ON APR 24	0.617 ON MAY 18	192 000	1985
1986	27.6 AT 14:29 EST ON OCT 01	21.1 ON OCT 01	1.06 ON APR 05	173 000	1986
1987	12.2 AT 09:01 EST ON APR 09	11.6 ON APR 08	0.443 ON APR 27	93 800	1987
1988	8.50 AT 05:44 EST ON APR 21	8.35 ON APR 21	1.20 ON AUG 15	108 000	1988
1989	12.5 AT 01:51 EST ON MAY 09	12.2 ON MAY 09	0.502 ON MAR 26	117 000	1989
1990	12.9 AT 23:31 EST ON APR 18	12.6 ON APR 20	1.09 ON MAR 21	144 000	1990
				136 000	MEAN

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

MISSISSIPPI RIVER AT APPLETON - STATION NO. 02KF006

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1918	---	---	---	---	---	---	---	---	---	20.3	30.2	37.9	---	1918
1919	40.6	26.3	52.4	119	120	84.6	19.6	12.7	12.9	13.6	23.9	16.6	45.1	1919
1920	15.7	15.8	35.9	70.3	41.2	20.9	14.4	11.8	10.7	10.1	10.6	13.4	22.5	1920
1921	14.5	8.57	72.3	83.6	44.7	17.0	9.78	12.0	11.3	11.2	11.9	12.6	22.5	1921
1922	11.9	11.2	30.5	108	69.8	31.3	19.7	12.1	8.43	9.74	8.37	7.11	27.3	1922
1923	10.5	9.94	8.57	43.2	55.1	24.4	11.5	8.91	8.90	7.64	6.91	10.9	20.4	1923
1924	15.9	22.1	37.5	102	90.7	28.4	12.4	10.5	9.51	10.0	8.42	7.90	29.6	1924
1925	9.28	11.9	43.0	82.2	40.7	22.6	17.7	14.7	12.2	14.6	43.2	49.7	30.2	1925
1926	28.9	30.0	25.8	84.3	124	42.5	19.8	12.2	11.6	10.4	21.6	26.2	36.5	1926
1927	21.0	32.3	74.3	72.6	57.1	47.9	28.8	25.3	16.4	10.3	29.2	76.2	40.8	1927
1928	45.6	30.9	43.9	101	94.4	33.0	20.7	22.0	15.2	38.9	90.4	63.2	56.5	1928
1929	48.5	40.2	89.7	155	118	45.8	14.2	8.21	9.12	8.34	8.27	7.65	46.0	1929
1930	15.0	22.7	36.7	57.7	45.0	27.8	15.4	7.35	7.88	9.97	7.96	5.61	21.5	1930
1931	7.62	9.97	9.81	61.3	32.3	19.4	9.86	10.9	8.36	10.2	7.80	18.8	17.2	1931
1932	47.9	51.3	34.5	118	80.3	21.2	8.07	7.28	7.29	9.12	17.8	42.5	35.3	1932
1933	30.9	33.4	21.7	135	81.2	22.8	9.77	7.50	7.93	7.90	7.17	7.67	30.9	1933
1934	8.10	9.77	11.6	119	60.9	20.5	9.50	7.65	8.19	8.79	8.40	9.03	23.4	1934
1935	11.9	14.7	31.3	62.5	37.5	28.0	13.3	11.0	8.95	8.77	9.88	21.5	22.4	1935
1936	22.2	17.8	67.4	167	86.4	21.7	15.1	9.05	8.85	8.56	17.3	12.7	37.5	1936
1937	54.7	51.8	31.3	80.1	103	43.3	15.8	8.40	8.03	7.48	35.8	37.9	39.5	1937
1938	24.2	28.6	54.9	105	56.4	17.0	9.27	8.76	8.01	7.21	6.66	6.07	27.6	1938
1939	6.80	12.1	12.2	70.0	103	20.3	9.93	10.4	9.94	9.15	10.6	11.8	23.9	1939
1940	10.3	10.2	11.4	83.1	84.9	79.8	14.5	12.8	13.0	10.2	9.32	10.4	29.1	1940
1941	22.6	27.6	26.9	76.5	20.6	9.71	9.41	9.31	7.92	6.43	9.71	16.6	20.7	1941
1942	25.9	21.1	53.1	111	51.5	24.0	11.3	8.23	8.68	8.84	28.9	31.7	32.0	1942
1943	28.1	30.6	48.8	121	176	84.3	19.2	12.4	11.2	11.1	18.6	17.9	48.3	1943
1944	12.3	11.0	10.4	35.3	55.1	23.4	11.0	9.85	10.3	9.28	9.47	10.4	17.3	1944
1945	10.1	9.12	38.7	75.4	86.1	62.5	27.8	14.2	10.6	26.8	29.7	27.6	35.0	1945
1946	30.6	23.1	69.1	49.7	19.9	14.7	9.38	9.39	9.07	8.28	13.9	21.9	23.3	1946
1947	28.3	41.3	53.6	159	111	80.5	27.6	15.3	11.2	12.0	14.8	15.6	48.1	1947
1948	12.5	15.4	48.4	103	85.9	46.5	16.3	12.3	12.6	12.2	10.6	12.4	29.5	1948
1949	16.3	20.7	33.3	114	60.0	14.0	10.4	9.87	9.71	11.4	8.98	13.2	26.7	1949
1950	43.5	51.4	44.8	125	66.0	23.8	8.07	7.99	8.18	8.19	12.6	22.1	34.9	1950
1951	30.0	37.6	60.4	166	81.6	16.1	13.1	9.80	8.81	9.15	21.0	32.5	40.4	1951
1952	37.9	40.2	48.3	127	56.0	22.2	11.4	10.7	9.88	9.72	9.80	15.8	34.1	1952
1953	15.9	18.2	41.6	65.2	55.9	27.5	14.7	11.1	8.60	10.5	14.0	19.5	24.7	1953
1954	21.5	21.2	40.3	118	76.4	29.3	14.1	11.0	15.3	26.4	41.5	44.8	38.5	1954
1955	35.1	27.4	43.6	136	59.7	18.7	8.54	6.39	6.11	17.2	50.5	21.9	35.8	1955
1956	18.0	14.5	15.2	84.9	107	63.4	12.4	9.65	9.79	11.6	11.7	13.3	30.9	1956
1957	13.4	15.7	23.6	38.7	23.9	13.4	10.4	7.85	7.30	7.21	8.24	12.7	15.2	1957
1958	21.0	20.6	28.4	80.8	39.3	16.4	9.95	7.95	7.57	8.69	10.0	12.6	21.9	1958
1959	11.7	13.3	19.2	92.7	39.4	13.7	10.3	8.41	8.49	6.05	13.6	25.9	21.9	1959
1960	25.9	29.5	33.9	149	80.4	16.0	8.21	7.06	6.92	6.40	6.74	6.45	31.2	1960
1961	6.68	6.05	7.78	47.6	34.4	28.6	11.4	8.52	8.68	8.57	7.73	7.51	13.3	1961
1962	7.21	7.00	8.73	59.8	22.9	8.18	9.08	5.03	5.55	6.19	11.4	16.4	13.8	1962
1963	20.9	17.7	18.7	67.5	32.8	15.0	7.06	6.41	7.40	8.20	11.2	29.4	20.1	1963
1964	24.6	27.4	46.7	51.1	31.6	13.5	6.23	5.43	6.41	6.15	5.95	6.49	19.2	1964
1965	10.2	11.8	21.4	65.0	43.1	11.2	6.20	6.73	8.05	10.2	24.2	49.6	22.4	1965
1966	42.4	33.0	55.5	47.3	29.1	26.6	10.6	7.41	7.62	6.65	11.3	48.4	27.1	1966
1967	43.0	29.0	27.2	80.1	36.0	22.4	13.8	18.3	17.5	34.2	68.3	58.7	39.0	1967
1968	37.6	34.9	50.0	84.0	19.6	15.8	21.3	16.5	16.5	16.1	16.7	26.1	29.1	1968
1969	23.1	29.2	39.7	120	137	58.8	23.2	17.6	11.5	7.44	13.0	19.4	41.7	1969
1970	16.0	19.2	27.6	101	73.5	26.6	10.7	6.66	7.20	9.54	19.9	32.6	29.1	1970
1971	23.8	23.1	39.5	129	112	14.8	5.60	4.98	7.79	9.15	9.10	22.5	33.4	1971
1972	28.0	29.5	31.9	103	121	30.5	31.3	25.1	10.8	12.4	33.7	43.3	41.7	1972
1973	46.3	30.6	116	129	54.5	17.0	8.58	10.6	14.1	12.2	17.1	21.4	41.3	1973
1974	26.0	32.2	62.1	117	115	33.3	12.9	10.5	9.40	7.26	14.6	25.4	38.8	1974
1975	27.6	22.9	38.1	97.7	78.2	18.3	6.50	5.85	7.92	7.80	10.6	19.9	28.4	1975
1976	20.2	24.4	65.4	159	53.0	29.8	13.1	9.76	9.60	14.0	18.4	21.9	36.4	1976
1977	14.5	12.7	65.3	71.5	27.4	10.4	7.56	7.73	8.21	11.1	16.0	33.2	25.9	1977
1978	45.0	54.3	38.2	126	77.9	13.6	5.66	6.24	6.69	7.71	11.0	16.0	33.8	1978
1979	19.4	18.0	61.3	125	58.2	30.4	8.42	7.93	8.35	14.1	23.9	45.5	35.1	1979
1980	48.5	23.4	55.1	81.9	79.2	16.6	16.1	13.7	13.2	12.5	28.8	32.9	35.2	1980
1981	25.1	65.5	100	33.1	26.6	33.6	18.2	13.0	60.0	42.8	63.9	40.5	43.3	1981
1982	30.4	23.8	25.9	103	55.0	28.6	11.4	8.72	10.4	11.2	22.0	45.9	31.3	1982
1983	66.5	47.0	54.3	68.1	101	26.1	7.07	6.36	5.94	6.18	21.0	39.9	37.5	1983
1984	27.6	48.8	64.9	159	97.4	27.8	7.89	7.89	5.98	7.46	10.8	15.5	39.9	1984
1985	17.5	17.8	57.4	88.0	42.4	14.5	8.20	6.19	11.9	6.27	17.9	24.1	26.0	1985
1986	44.6	41.5	32.2	56.1	30.5	24.7	18.5	19.0	32.8	74.5	47.3	45.2	35.6	1986
1987	32.0	34.1	36.2	117	29.3	18.2	12.5	7.36	7.72	12.6	18.7	30.4	30.6	1987
1988	34.1	34.2	37.1	84.4	42.8	15.9	6.07	5.16	6.37	10.4	22.5	41.0	26.5	1988
1989	18.8	14.9	35.6	56.2	42.0	25.1	11.9	6.87	7.01	7.77	19.1	24.1	21.1	1989
1990	24.5	32.6	73.5	61.3	57.2	21.6	9.25	7.22	6.77	13.6	18.0	29.0	29.5	1990
MEAN	25.0	25.4	41.6	95.5	65.5	28.5	13.4	10.2	10.5	12.4	19.3	24.7	30.9	MEAN

LOCATION - LAT 45 10 36 N LONG 076 07 27 W

DRAINAGE AREA, 2 900 km² REGULATED

MISSISSIPPI RIVER AT APPLETON - STATION NO. 02KF006

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1918	---	---	---	---	1918
1919	---	184 ON MAY 29	3.96 ON OCT 13	1 420 000	1919
1920	---	89.8 ON MAR 30	4.53 ON AUG 22	713 000	1920
1921	---	125 ON MAR 29	5.07B ON FEB 13	837 000	1921
1922	---	153 ON APR 26	2.83 ON SEP 24	862 000	1922
1923	---	75.6 ON JUN 12	2.99 ON APR 01	645 000	1923
1924	---	119 ON APR 13	5.78B ON DEC 07	935 000	1924
1925	---	104 ON APR 02	6.17 ON SEP 06	952 000	1925
1926	---	212 ON APR 28	7.33 ON OCT 20	1 150 000	1926
1927	---	148 ON MAR 23	8.47 ON OCT 31	1 290 000	1927
1928	---	260 ON APR 13 *	12.0 ON SEP 09	1 790 000	1928
1929	---	182 ON APR 15	2.27 ON NOV 03 *	1 450 000	1929
1930	---	75.3 ON APR 13	4.98 ON AUG 14	679 000	1930
1931	---	82.1 ON APR 18	3.60 ON OCT 25	742 000	1931
1932	---	162 ON APR 16	4.42 ON SEP 18	1 120 000	1932
1933	---	176 ON APR 23	4.08 ON SEP 03	975 000	1933
1934	---	175 ON APR 16	6.43 ON JUL 22	738 000	1934
1935	---	73.3 ON MAR 30	5.10 ON NOV 03	705 000	1935
1936	---	219 ON APR 03	5.35 ON SEP 20	1 190 000	1936
1937	---	128 ON MAY 13	3.77 ON SEP 19	1 250 000	1937
1938	---	165 ON MAR 30	3.23 ON DEC 25	870 000	1938
1939	---	183 ON MAY 01	3.23 ON JAN 08	755 000	1939
1940	---	151 ON APR 24	6.29 ON NOV 03	920 000	1940
1941	---	106 ON APR 20	4.53 ON SEP 07	653 000	1941
1942	---	122 ON APR 08	7.16 ON AUG 16	1 010 000	1942
1943	---	189 ON MAY 06	9.51 ON JUL 11	1 520 000	1943
1944	---	88.6 ON APR 30	6.57 ON DEC 09	548 000	1944
1945	---	107 ON MAY 23	9.12B ON FEB 01	1 100 000	1945
1946	---	104 ON MAR 21	7.16 ON JUL 01	734 000	1946
1947	---	217 ON APR 19	9.51 ON SEP 06	1 520 000	1947
1948	---	139 ON APR 01	6.17 ON NOV 07	933 000	1948
1949	---	138 ON APR 06	6.17 ON NOV 13	844 000	1949
1950	---	152 ON APR 09	6.29 ON OCT 08	1 100 000	1950
1951	---	185 ON APR 13	6.17 ON OCT 06	1 270 000	1951
1952	---	159 ON APR 27	7.02 ON NOV 01	1 080 000	1952
1953	---	117 ON APR 07	6.88 ON SEP 12	778 000	1953
1954	---	165 ON APR 18	9.51 ON JUL 22	1 210 000	1954
1955	---	166 ON APR 11	4.87 ON SEP 17	1 130 000	1955
1956	---	134 ON APR 27	8.33 ON SEP 30	977 000	1956
1957	---	49.3 ON APR 11	5.97 ON OCT 13	478 000	1957
1958	---	96.6 ON APR 10	5.89 ON SEP 21	690 000	1958
1959	---	134 ON APR 14	4.81 ON OCT 11	690 000	1959
1960	228 AT 22:00 EST ON APR 22	227 ON APR 22	4.53 ON AUG 21	987 000	1960
1961	67.1 AT 16:00 EST ON APR 23	66.8 ON APR 23	3.51 ON FEB 25	482 000	1961
1962	78.4 AT 10:25 EST ON APR 17	78.4 ON APR 15	3.85 ON AUG 05	434 000	1962
1963	112 AT 04:00 EST ON APR 07	112 ON APR 07	5.10 ON AUG 10	636 000	1963
1964	70.5 AT 03:00 EST ON APR 21	70.2 ON APR 21	4.50 ON AUG 04	609 000	1964
1965	107 AT 22:00 EST ON APR 19	107 ON APR 20	5.49 ON AUG 10	705 000	1965
1966	73.6 AT 18:00 EST ON MAR 25	72.8 ON MAR 25	6.06 ON OCT 13	856 000	1966
1967	97.4 AT 23:30 EST ON APR 09	96.8 ON APR 08	14.3 ON JUN 08	1 230 000	1967
1968	157 AT 18:30 EST ON APR 04	155 ON APR 04	9.26 ON AUG 30	919 000	1968
1969	164 AT 17:00 EST ON MAY 02	162 ON MAY 02	6.48 ON OCT 13	1 310 000	1969
1970	169 AT 03:00 EST ON APR 25	167 ON APR 25	4.64 ON AUG 23	919 000	1970
1971	218 AT 01:45 EST ON APR 26	216 ON APR 26	4.45 ON AUG 05	1 050 000	1971
1972	195 AT 09:60 EST ON APR 25	194 ON APR 25	7.87 ON SEP 28	1 320 000	1972
1973	191 AT 21:30 EST ON MAR 21	189 ON MAR 21	6.05 ON JUL 21	1 300 000	1973
1974	154 AT 18:10 EST ON APR 21	153 ON APR 21	5.83 ON OCT 20	1 220 000	1974
1975	181 AT 08:00 EST ON APR 26	181 ON APR 26	5.07 ON AUG 06	897 000	1975
1976	238 AT 23:42 EST ON APR 05 *	236 ON APR 05	7.56 ON AUG 30	1 150 000	1976
1977	121 AT 12:00 EST ON MAR 21	120 ON MAR 21	5.64 ON JUL 26	753 000	1977
1978	182 AT 07:26 EST ON APR 25	181 ON APR 25	4.39 ON JUL 20	1 070 000	1978
1979	153 AT 08:11 EST ON APR 08	153 ON APR 08	5.98 ON JUL 23	1 110 000	1979
1980	158 AT 22:17 EST ON MAR 26	156 ON MAR 27	7.86 ON OCT 23	1 110 000	1980
1981	204 AT 00:16 EST ON MAR 01	202 ON FEB 28	10.2 ON AUG 05	1 370 000	1981
1982	154 AT 17:51 EST ON APR 24	152 ON APR 25	6.50 ON AUG 21	980 000	1982
1983	136 AT 03:17 EST ON MAY 15	135 ON MAY 14	4.51 ON JUL 30	1 180 000	1983
1984	196 AT 12:03 EST ON APR 22	196 ON APR 22	4.46 ON SEP 30	1 260 000	1984
1985	104 AT 19:50 EST ON APR 10	102 ON APR 11	3.54 ON AUG 22	820 000	1985
1986	96.5 AT 20:53 EST ON APR 04	96.4 ON APR 04	11.6 ON MAY 19	1 120 000	1986
1987	178 AT 04:23 EST ON APR 10	178 ON APR 10	4.54 ON AUG 28	964 000	1987
1988	132 AT 21:26 EST ON APR 09	132 ON APR 09	3.72 ON AUG 18	839 000	1988
1989	87.9 AT 06:01 EST ON APR 05	87.7 ON APR 05	5.03 ON AUG 17	667 000	1989
1990	135 AT 01:11 EST ON MAR 23	133 ON MAR 23	5.59 ON SEP 08	932 000	1990
	B - ICE CONDITIONS	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		976 000	MEAN

MISSISSIPPI RIVER AT FERGUSONS FALLS - STATION NO. 02KF001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1915	---	---	---	---	---	---	---	15.0	15.1	13.2	12.0	13.3	---	1915
1916	19.7	32.7	20.6	146	108	95.7	55.7	17.0	11.0	10.5	7.72	6.31	44.0	1916
1917	5.43	14.6	27.7	121	64.4	25.6	15.7	12.2	9.22	10.5	10.5	10.5	27.6	1917
1918	12.0	19.0	45.1	137	53.8	18.1	7.78	11.0	15.2	18.9	15.3	28.4	37.6	1918
1919	38.4	19.5	47.2	117	123	77.1	37.0	12.5	10.3	---	---	---	---	1919
1983	63.5	42.8	47.7	59.0	92.3	22.5	8.12	7.73	7.17	6.57	18.7	34.0	34.2	1983
1984	24.5	47.1	57.7	144	81.5	23.3	7.95	8.07	6.75	7.71	10.3	12.9	35.8	1984
1985	17.5	17.1	48.3	80.2	38.1	14.6	8.85	8.08	12.0	5.61	17.3	22.7	24.2	1985
1986	20.3	18.0	33.2	51.0	29.2	21.7	18.6	18.7	30.4	64.1	43.3	42.7	32.7	1986
1987	29.5	22.4	36.5	104	29.4	18.0	13.0	8.63	8.04	12.2	18.9	46.5	28.9	1987
1988	35.0	36.2	37.6	75.2	42.8	14.3	6.93	5.47	6.38	8.35	19.8	21.7	25.7	1988
1989	19.8	14.0	21.2	50.3	40.5	25.2	11.7	7.98	7.62	8.14	19.1	24.5	20.8	1989
1990	23.9	31.1	67.2	85.3	55.4	21.0	10.3	8.53	7.93	11.4	17.6	29.4	30.7	1990
MEAN	25.6	26.2	40.8	97.5	63.2	31.4	16.0	10.8	11.4	14.8	19.0	25.2	30.8	MEAN

LOCATION - LAT 45 03 10 N LONG 076 17 11 W DRAINAGE AREA, 2 620 km² REGULATED

REMARKS - 1915-19 CONTRIBUTED BY ONTARIO HYDRO

MISSISSIPPI RIVER AT FERGUSONS FALLS - STATION NO. 02KF001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1915	---	---	---	---	1915
1916	---	165 ON APR 20	3.99 ON DEC 31	1 390 000	1916
1917	---	147 ON APR 03	3.06 ON JAN 10 *	872 000	1917
1918	---	176 ON APR 06	8.44 ON AUG 20	1 090 000	1918
1919	---	199 ON MAY 26 *	---	---	1919
1983	126 AT 22:06 EST ON MAY 12	125 ON MAY 12	4.13 ON OCT 23	1 060 000	1983
1984	194 AT 19:50 EST ON APR 09 *	192 ON APR 10	5.82 ON OCT 01	1 130 000	1984
1985	99.6 AT 14:22 EST ON APR 10	98.7 ON APR 10	4.43 ON OCT 12	762 000	1985
1986	95.8 AT 14:21 EST ON APR 02	95.6 ON APR 02	12.3 ON MAY 16	1 030 000	1986
1987	177 AT 03:45 EST ON APR 09	175 ON APR 09	6.73 ON AUG 27	911 000	1987
1988	124 AT 16:25 EST ON APR 07	123 ON APR 07	4.48 ON AUG 21	813 000	1988
1989	95.1 AT 20:10 EST ON APR 01	84.5 ON APR 01	6.70 ON AUG 17	657 000	1989
1990	130 AT 19:59 EST ON MAR 20	129 ON MAR 20	7.30 ON SEP 20	969 000	1990
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		973 000	MEAN

MISSISSIPPI RIVER AT GALETTA - STATION NO. 02KF002

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1915	---	---	---	---	---	---	14.1	17.8	15.4	12.5	12.1	14.3	---	1915
1916	22.3	36.6	27.5	158	102	77.7	53.6	18.2	11.4	11.3	9.20	9.66	44.6	1916
1917	8.91	9.83	32.2	125	65.1	31.9	18.1	12.1	8.52	13.4	18.6	12.7	29.6	1917
1918	10.0	14.3	47.8	160	51.5	15.7	14.4	13.9	16.0	25.9	35.0	38.2	36.8	1918
1919	32.1	19.5	57.3	126	127	76.4	16.9	11.1	11.1	---	---	---	---	1919
MEAN	18.3	20.0	41.2	142	86.4	50.4	23.4	14.6	12.5	15.8	18.7	18.7	37.0	MEAN

LOCATION - LAT 45 25 00 N LONG 076 15 00 W DRAINAGE AREA, 3 780 km² REGULATED DATA CONTRIBUTED BY - ONTARIO HYDRO

MISSISSIPPI RIVER AT GALETTA - STATION NO. 02KF002

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1915	---	---	---	---	1915
1916	---	191 ON APR 12	6.65 ON OCT 08	1 410 000	1916
1917	---	180 ON MAR 28	6.65 ON JAN 07	933 000	1917
1918	---	274 ON APR 07 *	6.00 ON JUN 26 *	1 160 000	1918
1919	---	208 ON MAY 23	---	---	1919
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		1 170 000	MEAN

MISSISSIPPI RIVER AT RAGGED CHUTE - STATION NO. 02KF007

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1919	---	---	---	---	---	---	---	---	---	12.1	5.69	7.94	---	1919
1920	10.7	7.63	6.49	9.04	15.3	10.2	8.25	9.13	7.78	4.56	8.31	5.43	8.58	1920
1921	5.21	5.68	12.2	31.6	24.6	9.91	7.41	9.61	7.51	7.92	7.43	5.63	11.2	1921
1922	6.34	6.72	6.08	40.1	14.8	15.4	10.3	9.57	6.77	5.44	6.60	5.90	12.8	1922
1923	6.80	5.00	3.90	5.65	22.0	24.5	8.38	5.47	5.44	5.35	5.35	5.62	8.76	1923
1924	7.97	10.7	15.0	23.5	42.2	9.40	7.37	6.34	4.79	6.43	4.78	6.87	12.1	1924
1925	7.19	8.36	4.97	32.1	15.2	7.21	14.2	5.95	7.73	5.36	15.2	12.8	11.3	1925
1926	19.8	14.8	13.8	16.5	45.2	19.8	12.2	5.11	5.94	5.89	6.18	6.89	14.3	1926
1927	18.2	16.0	18.7	22.1	20.9	18.5	12.3	13.8	6.89	5.70	5.75	23.2	15.1	1927
1928	22.2	23.1	29.7	66.5	42.4	13.6	6.50	11.4	9.60	13.7	34.8	25.2	23.8	1928
1929	22.4	25.9	32.8	65.4	43.7	24.4	6.99	6.39	4.59	5.88	6.48	4.42	20.8	1929
1930	6.73	17.0	9.29	6.37	22.0	9.38	7.72	6.16	8.92	8.11	6.39	5.12	9.39	1930
1931	5.82	9.02	8.82	3.65	2.46	3.00	3.23	3.02	10.5	8.53	8.27	7.47	6.96	1931
1932	15.5	25.1	16.4	33.6	31.7	7.16	5.63	5.54	5.74	5.75	4.46	5.52	13.5	1932
1933	17.6	25.6	14.6	40.1	33.1	11.9	7.99	4.76	3.44	6.61	5.70	6.24	14.7	1933
1934	6.11	7.73	10.6	15.5	24.9	11.5	7.33	8.19	5.83	6.86	5.04	4.99	9.55	1934
1935	6.43	10.9	16.4	11.2	10.4	9.24	8.28	5.82	4.76	5.04	8.63	10.2	8.94	1935
1936	12.2	14.1	23.1	53.2	38.6	10.7	7.79	4.62	6.18	4.91	5.15	6.57	15.7	1936
1937	17.6	27.5	11.1	9.30	45.3	21.3	6.21	5.50	5.13	10.4	16.9	20.3	16.5	1937
1938	12.8	13.1	16.4	38.5	29.6	6.08	7.35	6.94	5.85	4.13	4.86	7.87	12.4	1938
1939	8.47	10.2	8.32	8.78	25.0	6.73	6.76	7.96	7.42	6.51	7.17	7.76	9.10	1939
1940	7.19	9.21	10.1	8.76	31.4	32.4	6.84	9.68	10.2	6.95	6.61	6.61	12.2	1940
1941	9.86	16.7	17.6	10.2	3.66	5.31	6.29	6.70	7.98	4.09	4.28	6.60	8.21	1941
1942	10.2	15.9	14.8	33.6	13.6	14.0	7.12	7.26	7.44	6.75	13.4	16.4	13.3	1942
1943	12.8	18.9	18.6	32.1	79.9	23.0	9.63	8.01	7.31	7.95	4.91	9.96	19.5	1943
1944	11.4	8.52	6.22	3.83	9.16	7.25	5.63	8.56	7.45	7.56	6.84	4.72	7.26	1944
1945	5.89	5.44	4.85	11.6	25.2	20.3	10.7	4.54	7.69	10.3	13.8	13.3	11.2	1945
1946	14.8	14.7	13.8	14.4	4.11	6.95	6.71	7.95	9.88	5.76	6.23	6.34	8.99	1946
1947	11.0	17.7	25.6	43.2	32.9	28.4	9.79	5.95	9.89	7.57	11.8	10.2	17.5	1947
1948	8.89	11.1	13.8	25.6	23.3	13.7	6.81	5.68	5.47	6.96	5.75	4.79	11.1	1948
1949	10.1	14.0	13.9	24.3	14.0	4.90	6.65	7.86	5.98	6.73	6.96	8.62	10.3	1949
1950	18.2	24.9	21.0	23.1	20.8	7.17	6.29	6.89	6.74	8.88	12.6	9.43	13.8	1950
1951	10.8	14.9	20.1	49.5	25.2	4.26	5.42	5.10	7.75	8.18	12.4	15.6	14.9	1951
1952	19.9	21.5	19.4	24.6	11.5	10.5	5.01	4.70	6.15	7.70	9.81	10.0	12.4	1952
1953	13.2	12.1	6.96	4.89	18.8	7.94	7.97	7.71	7.73	8.21	11.9	10.4	9.81	1953
1954	13.6	14.4	12.1	21.1	23.8	8.89	7.98	9.56	10.7	8.51	8.97	20.2	13.3	1954
1955	21.6	20.1	18.8	29.8	17.8	13.0	5.03	4.82	7.43	6.56	17.6	14.1	14.6	1955
1956	11.6	18.7	15.7	8.28	36.5	21.8	5.94	5.29	5.48	12.0	6.16	11.1	13.5	1956
1957	13.8	15.0	13.2	---	---	---	---	---	---	---	---	---	---	1957
MEAN	11.9	14.6	14.3	24.4	26.1	13.0	7.63	7.12	7.00	7.29	8.93	9.68	12.6	MEAN

LOCATION - LAT 44 56 26 N DRAINAGE AREA, 1 040 km²
LONG 076 43 36 W REGULATED

MISSISSIPPI RIVER AT RAGGED CHUTE - STATION NO. 02KF007

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1919	---	---	---	---	1919
1920	----	21.7 ON AUG 12	3.45E ON DEC 13	271 000	1920
1921	----	44.7 ON APR 26	3.45 ON OCT 29	355 000	1921
1922	----	103 ON APR 22 *	3.45 ON FEB 02	405 000	1922
1923	----	38.2 ON MAY 22	3.45 ON FEB 24	276 000	1923
1924	----	71.4 ON MAY 02	3.48 ON JUL 11	384 000	1924
1925	----	44.2 ON APR 19	3.17 ON MAR 19	357 000	1925
1926	----	58.9E ON MAY 09	3.51 ON AUG 31	452 000	1926
1927	----	34.8E ON DEC 14	4.76 ON NOV 13	475 000	1927
1928	----	87.9 ON APR 14	4.52 ON JUL 09	752 000	1928
1929	----	74.8 ON APR 14	2.18 ON DEC 06	657 000	1929
1930	----	28.0 ON MAY 07	3.54 ON DEC 10	296 000	1930
1931	----	17.4 ON SEP 27	1.73 ON APR 22	219 000	1931
1932	----	49.8 ON APR 28	3.17 ON JUN 13	426 000	1932
1933	----	63.7 ON APR 18	3.00 ON JUL 21	464 000	1933
1934	----	41.3 ON MAY 06	2.49 ON DEC 07	301 000	1934
1935	----	21.1 ON MAR 31	4.05 ON OCT 24	282 000	1935
1936	----	68.2 ON APR 23	3.37 ON OCT 28	496 000	1936
1937	----	55.8 ON MAY 09	4.45 ON SEP 28	520 000	1937
1938	----	40.8 ON APR 15	3.09 ON DEC 10	392 000	1938
1939	----	35.1 ON MAY 15	3.03 ON JUN 24	287 000	1939
1940	----	58.9 ON JUN 03	3.74 ON APR 16	384 000	1940
1941	----	23.6 ON FEB 27	1.93 ON AUG 30	259 000	1941
1942	----	38.9 ON APR 21	3.54 ON MAY 21	420 000	1942
1943	----	93.4 ON MAY 04	3.54 ON NOV 01	614 000	1943
1944	----	19.1 ON MAY 22	1.59 ON DEC 24 *	230 000	1944
1945	----	35.4 ON MAY 19	2.66 ON AUG 03	352 000	1945
1946	----	23.6 ON APR 08	3.54 ON APR 30	284 000	1946
1947	----	57.8 ON APR 25	4.33 ON AUG 24	551 000	1947
1948	----	53.2 ON MAY 27	2.35 ON APR 26	352 000	1948
1949	----	34.0 ON MAY 01	3.17 ON JUN 10	325 000	1949
1950	----	43.9 ON MAY 01	3.37 ON JUL 03	434 000	1950
1951	----	83.3 ON APR 19	3.45 ON MAY 27	469 000	1951
1952	----	33.5E ON APR 21	3.09E ON JUL 13	393 000	1952
1953	----	48.9E ON MAY 08	1.99E ON APR 14	310 000	1953
1954	----	32.3E ON APR 20	3.62E ON JUN 15	420 000	1954
1955	----	49.3 ON APR 27	3.82 ON JUL 23	462 000	1955
1956	----	48.4 ON MAY 09	4.22 ON SEP 26	427 000	1956
1957	----	---	---	---	1957
	E - ESTIMATED	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		399 000	MEAN

MISSISSIPPI RIVER BELOW MARBLE LAKE - STATION NO. 02KF016

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1988	---	---	3.56	11.8	6.19	1.13	0.204	0.231	0.221	0.990	5.03	5.65	---	1988
1989	3.39	2.36	2.02	6.69	4.60	4.30	0.654	0.253	0.426	1.03	8.80	9.00	3.62	1989
1990	4.15	3.77	6.90	12.2	6.58	1.65	1.11	1.02	0.424	1.23	4.69	7.71	4.28	1990
MEAN	3.77	3.07	4.16	10.2	5.79	2.36	0.656	0.501	0.357	1.08	6.17	7.45	3.95	MEAN

LOCATION - LAT 44 50 40 N LONG 077 07 12 W DRAINAGE AREA, 357 km²

REMARKS - STATION ACTIVATED FEB 1988

MISSISSIPPI RIVER BELOW MARBLE LAKE - STATION NO. 02KF016

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1988	18.7 AT 16:00 EST ON APR 10 *	18.6 ON APR 10 *	0.121 ON AUG 22 *	---	1988
1989	16.4 AT 19:52 EST ON NOV 25	16.3 ON NOV 25	0.186 ON AUG 24	114 000	1989
1990	14.8 AT 04:04 EST ON APR 17	14.2 ON APR 11	0.277 ON SEP 21	135 000	1990
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		125 000	MEAN

MISSISSIPPI RIVER NEAR SNOW ROAD STATION - STATION NO. 02KF003

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1915	---	---	---	---	---	---	---	8.81	9.33	---	7.16	8.26	---	1915
1916	10.2	12.1	11.5	61.8	49.6	47.1	30.6	11.9	8.11	7.86	4.18	2.60	21.4	1916
1917	3.03	4.84	10.8	40.4	31.9	13.1	9.93	8.81	7.06	6.33	7.31	6.24	12.5	1917
1918	7.44	9.91	22.6	52.3	24.9	8.83	10.8	10.6	12.7	8.29	9.32	15.7	15.3	1918
1919	15.3	8.95	24.0	48.8	60.6	37.6	10.6	9.27	7.31	---	---	---	---	1919
MEAN	8.99	8.95	14.7	50.8	41.7	26.6	15.5	9.88	8.90	7.49	6.99	8.22	16.4	MEAN

LOCATION - LAT 44 56 26 N LONG 076 41 16 W DRAINAGE AREA, 1 280 km² REGULATED DATA CONTRIBUTED BY - ONTARIO HYDRO

REMARKS - STATION FORMERLY CALLED "MISSISSIPPI RIVER NEAR SNOW ROAD"

MISSISSIPPI RIVER NEAR SNOW ROAD STATION - STATION NO. 02KF003

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1915	---	---	---	---	
1916	---	83.3 ON APR 26	2.07 ON DEC 29	677 000	1915
1917	---	58.3 ON APR 28	2.04 ON JAN 01 *	394 000	1916
1918	---	71.6 ON APR 09	5.97 ON JAN 28	482 000	1917
1919	---	98.8 ON MAY 27 *	---	---	1918
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		518 000	1919 MEAN

MOIRA RIVER AT TWEED - STATION NO. 02HL101

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1968	---	---	---	---	---	---	---	---	---	---	6.74	---	---	1968
1969	---	---	---	---	75.5	17.8	6.27	3.69	3.16	1.88	5.69	---	---	1969
1970	---	---	---	73.8	31.9	10.5	5.84	2.56	2.62	1.94	10.3	32.3	---	1970
1971	---	---	---	124	34.9	6.13	2.99	2.50	2.61	3.52	4.05	18.4	---	1971
1972	16.7	13.2	13.9	125	60.9	14.7	15.7	10.6	4.00	6.80	26.5	28.5	---	1972
1973	39.0	32.1	137	75.6	26.1	8.96	2.45	2.32	1.59	1.23	6.09	19.3	28.1	1973
1974	28.6	22.2	54.4	110	66.4	14.3	4.95	2.38	2.56	4.01	11.7	15.8	29.4	1974
1975	17.4	15.4	62.1	114	37.9	7.04	1.39	1.34	0.901	0.721	1.30	6.30	28.1	1975
1976	---	---	101	127	21.6	5.79	2.27	2.20	2.01	2.93	4.37	---	22.1	1976
1977	---	---	---	41.2	10.3	2.61	1.50	---	---	---	---	---	---	1977
MEAN	25.4	20.7	73.7	98.8	40.5	9.76	4.82	3.45	2.43	2.88	8.75	20.1	26.9	MEAN

LOCATION - LAT 44 29 19 N LONG 077 19 11 W DRAINAGE AREA, 1 770 km² REGULATED DATA CONTRIBUTED BY - ONTARIO MINISTRY OF THE ENVIRONMENT

MOIRA RIVER AT TWEED - STATION NO. 02HL101

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1968	---	---	---	---	1968
1969	---	---	---	---	1969
1970	112 AT 01:00 EST ON APR 18	---	---	---	1970
1971	---	---	---	---	1971
1972	277E AT 12:30 EST ON APR 20	275E ON APR 20	2.14 ON SEP 29	890 000	1972
1973	309 AT 11:01 EST ON MAR 19	303 ON MAR 19	1.03 ON OCT 12	926 000	1973
1974	244 AT 04:30 EST ON APR 06	236 ON APR 06	1.80 ON AUG 22	886 000	1974
1975	294 AT 18:00 EST ON APR 21	261 ON APR 22	0.541 ON OCT 11 *	697 000	1975
1976	439 AT 23:49 EST ON APR 22 *	430 ON APR 02 *	1.18 ON OCT 06	---	1976
1977	---	200 ON MAR 16	---	---	1977
	E - ESTIMATED	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		850 000	MEAN

MOIRA RIVER NEAR DELORO - STATION NO. 02HL005

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1965	---	---	---	---	---	---	---	---	0.312	3.46	6.75	8.04	---	1965
1966	3.54	2.11	9.95	6.22	4.20	1.38	0.080	0.017	0.018	0.019	2.74	11.1	3.47	1966
1967	2.36	2.75	3.17	13.7	4.82	1.92	1.71	0.292	0.488	6.32	8.10	5.79	4.26	1967
1968	4.39	3.40	8.59	7.87	2.16	2.31	1.04	0.169	0.272	0.280	1.36	2.99	2.73	1968
1969	2.93	4.12	6.09	14.5	11.4	2.61	1.08	0.414	0.065	0.248	1.61	2.44	3.95	1969
1970	0.961	1.03	1.28	13.4	5.40	0.962	1.34	0.220	0.045	0.241	2.70	3.47	2.58	1970
1971	1.60	1.41	2.82	19.8	4.90	0.503	0.097	0.019	0.041	0.138	0.569	3.53	2.94	1971
1972	2.32	1.42	2.77	18.5	10.5	2.45	2.75	1.37	0.368	1.38	5.34	4.85	4.44	1972
1973	7.04	4.45	10.0	10.3	3.42	1.20	0.164	0.043	0.011	0.067	1.42	2.88	4.09	1973
1974	4.56	3.34	5.68	16.8	10.4	2.10	0.440	0.145	0.159	1.10	3.15	2.73	4.21	1974
1975	3.43	2.59	8.92	17.6	5.80	0.964	0.093	0.041	0.027	0.044	0.149	1.98	3.46	1975
1976	1.41	2.56	13.0	16.9	3.91	0.543	0.300	0.078	0.089	0.183	0.488	0.792	3.35	1976
1977	0.415	0.367	10.3	7.77	1.44	0.113	0.050	0.048	0.068	0.664	3.17	5.88	2.54	1977
1978	5.89	3.64	3.57	21.3	6.68	0.607	0.052	0.026	0.193	0.814	2.46	2.47	3.96	1978
1979	3.27	1.94	14.3	17.5	5.74	1.64	0.125	0.131	0.061	0.453	2.34	5.53	4.43	1979
1980	3.83	0.884	10.2	12.9	4.74	0.725	0.314	0.246	0.103	0.915	2.65	3.61	3.43	1980
1981	1.18	16.5	6.91	6.56	3.13	2.45	0.680	0.285	3.76	4.04	3.23	2.80	4.37	1981
1982	4.26	0.814	2.54	19.3	3.71	1.72	0.202	0.136	0.118	0.350	4.63	10.6	3.78	1982
1983	7.11	4.42	8.00	9.92	11.6	2.16	0.139	0.060	0.044	0.075	0.683	2.70	3.73	1983
1984	1.12	6.90	6.20	19.6	7.22	0.948	0.152	0.209	0.157	0.076	1.06	2.51	3.81	1984
1985	2.76	3.61	11.4	16.6	3.30	1.42	0.451	0.086	2.21	1.22	7.96	4.65	4.62	1985
1986	2.78	2.05	9.58	10.1	3.44	6.02	0.979	1.03	4.10	8.40	3.19	3.04	4.56	1986
1987	1.64	1.25	6.96	15.8	3.44	0.896	0.282	0.014	0.054	0.499	2.59	7.09	3.21	1987
1988	2.38	3.92	5.15	12.9	3.44	0.278	0.048	0.014	0.035	0.130	2.08	1.54	2.62	1988
1989	1.72	1.05	4.30	10.6	5.56	3.95	1.17	0.072	0.230	0.715	7.17	2.14	3.21	1989
1990	2.66	2.84	11.3	11.9	6.08	1.26	0.507	0.109	0.212	0.916	2.44	6.33	3.89	1990
MEAN	2.74	3.18	7.60	13.9	5.37	1.65	0.570	0.211	0.502	1.26	3.16	4.29	3.67	MEAN

LOCATION - LAT 44 30 00 N DRAINAGE AREA, 308 km^2
LONG 077 37 03 W NATURAL FLOW

MOIRA RIVER NEAR DELORO - STATION NO. 02HL005

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1965	---	---	---	---	1965
1966	27.0 AT 23:59 EST ON DEC 10	26.4 ON DEC 10	0.008 ON AUG 19	109 000	1966
1967	26.3 AT 03:30 EST ON APR 05	25.2 ON APR 04	0.054 ON SEP 25	134 000	1967
1968	25.6 AT 02:30 EST ON MAR 31	25.5 ON MAR 31	0.085 ON AUG 18	86 300	1968
1969	34.3 AT 05:40 EST ON MAY 20	32.8 ON MAY 20	0.034 ON OCT 06	125 000	1969
1970	22.6 AT 19:19 EST ON APR 18	22.4 ON APR 18	0.024 ON SEP 20	81 400	1970
1971	30.9 AT 03:50 EST ON APR 21	30.6 ON APR 21	0.008 ON AUG 25	92 700	1971
1972	40.5 AT 05:32 EST ON APR 20	40.2 ON APR 20	0.178 ON SEP 16	140 000	1972
1973	38.8 AT 23:30 EST ON MAR 18	37.1 ON MAR 18	0.007 ON SEP 14	129 000	1973
1974	31.4 AT 15:17 EST ON APR 17	31.4 ON APR 17	0.062 ON AUG 25	133 000	1974
1975	42.8 AT 22:03 EST ON APR 20	41.9 ON APR 21	0.016 ON SEP 11	109 000	1975
1976	50.4 AT 22:16 EST ON APR 02	49.6 ON APR 02	0.048E ON AUG 25	106 000	1976
1977	29.2B AT 23:50 EST ON MAR 16	27.7B ON MAR 16	0.028E ON AUG 01	80 100	1977
1978	40.2 AT 01:55 EST ON APR 22	39.6 ON APR 22	0.011E ON AUG 16	125 000	1978
1979	43.5 AT 03:49 EST ON MAR 26	42.8 ON MAR 26	0.010E ON SEP 26	140 000	1979
1980	---	46.0B ON MAR 22	0.038E ON SEP 26	109 000	1980
1981	52.6 AT 00:52 EST ON FEB 25 *	51.6 ON FEB 25 *	0.094 ON SEP 01	138 000	1981
1982	34.0 AT 09:56 EST ON APR 21	33.7 ON APR 21	0.033 ON AUG 18	119 000	1982
1983	21.7 AT 19:17 EST ON MAY 05	21.5 ON MAY 05	0.023 ON JUL 29	118 000	1983
1984	42.8 AT 11:42 EST ON APR 07	42.3 ON APR 07	0.053 ON AUG 04	121 000	1984
1985	25.6 AT 13:03 EST ON APR 20	25.2 ON APR 20	0.038 ON AUG 09	146 000	1985
1986	28.8 AT 04:48 EST ON APR 02	28.5 ON APR 01	0.167 ON JUL 25	144 000	1986
1987	41.3 AT 03:23 EST ON APR 02	39.7 ON APR 07	0.008 ON AUG 21	101 000	1987
1988	---	29.5B ON APR 06	0.005 ON AUG 22 *	83 000	1988
1989	---	22.9B ON MAR 29	0.026E ON SEP 21	101 000	1989
1990	27.4B AT 10:31 EST ON MAR 16	26.1B ON MAR 18	0.050 ON AUG 12	123 000	1990
	B - ICE CONDITIONS E - ESTIMATED	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		116 000	MEAN

MOIRA RIVER NEAR FOXBORO - STATION NO. 02HL001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1915	---	---	---	---	---	---	---	---	---				---	1915
1916	32.6	56.3	29.0	163	69.3	107	32.5	7.47	3.86	9.37	11.6	14.2		
1917	9.52	7.53	54.4	133	38.4	21.7	10.5	3.22	1.79	3.07	4.40	10.1	42.9	1916
1918	2.05	4.22	66.8	130	37.1	17.4	11.5	4.57	6.38	3.89	18.5	6.25	25.7	1917
1919	36.3	14.2	78.0	100	101	39.6	8.46	3.49	1.45	15.6	38.3	50.4	32.1	1918
										1.61	22.0	19.5	35.6	1919
1920	5.45	4.80	66.5	75.7	33.4	8.03	6.50	2.79	0.942	1.55	4.47	20.2	19.2	1920
1921	19.2	9.50	110	74.8	31.2	8.60	3.57	1.85	1.67	4.10	9.47	19.8	24.6	1921
1922	9.04	6.85	64.7	156	49.1	17.6	5.30	2.64	1.32	0.929	1.14	1.05	26.3	1922
1923	1.14	1.63	6.88	97.2	54.2	42.1	7.63	1.58	1.31	2.12	2.28	22.5	20.0	1923
1924	23.6	25.1	52.2	108	58.4	22.4	5.83	3.47	2.88	10.4	5.63	7.28	27.0	1924
1925	3.31	19.6	94.3	93.2	30.6	15.6	7.00	4.39	4.36	7.78	53.9	42.8	31.4	1925
1926	18.8	13.2	23.3	146	39.8	22.7	7.66	4.58	6.34	15.1	82.4	41.7	38.1	1926
1927	16.4	20.1	106	60.9	39.8	22.0	21.5	14.5	5.57	8.57	35.8	81.5	37.1	1927
1928	45.9	23.6	71.5	170	53.6	34.2	23.3	38.4	15.5	69.7	70.9	54.5	55.4	1928
1929	62.7	27.6	121	131	95.5	23.5	7.24	3.90	3.20	2.40	5.33	4.25	40.8	1929
1930	42.2	31.4	68.7	97.2	46.3	16.4	6.73	2.75	2.43	2.62	1.89	1.59	26.6	1930
1931	1.08	1.08	8.56	57.7	36.9	18.5	6.00	3.27	2.77	3.36	10.6	27.2	14.8	1931
1932	78.4	62.0	32.0	147	46.2	11.8	5.11	4.66	2.38	5.38	34.7	44.2	39.2	1932
1933	36.5	20.0	20.0	175	56.9	12.3	3.45	1.53	1.11	1.02	1.28	4.67	27.7	1933
1934	6.88	4.62	34.9	162	38.0	14.1	5.65	1.99	2.60	2.07	3.48	14.1	24.2	1934
1935	14.7	11.1	71.5	59.4	26.0	30.4	22.1	7.63	2.74	2.07	18.8	27.9	24.6	1935
1936	10.9	9.09	145	163	49.2	13.3	3.68	1.73	1.56	2.99	26.1	13.8	36.9	1936
1937	105	48.7	24.4	107	94.3	23.2	6.99	4.08	2.73	5.39	32.5	20.3	39.3	1937
1938	12.0	47.6	96.2	87.6	31.1	12.1	4.40	3.60	3.01	5.21	5.53	3.78	26.0	1938
1939	7.85	6.26	10.3	155	75.8	15.5	5.51	5.92	3.52	4.32	5.57	5.60	25.0	1939
1940	3.57	1.81	2.78	144	92.0	68.6	13.2	4.59	3.17	2.79	8.45	23.5	30.6	1940
1941	47.6	13.8	15.7	67.2	15.3	3.66	3.06	1.76	1.19	1.97	18.0	29.1	29.8	1941
1942	29.4	12.2	96.3	73.3	40.9	31.1	6.41	2.05	2.57	3.33	36.7	21.4	29.7	1942
1943	18.4	23.3	78.8	149	156	42.5	7.68	3.47	1.37	2.95	8.91	6.45	41.6	1943
1944	3.07	3.13	14.4	71.5	62.2	16.0	8.45	2.88	1.94	1.85	1.14	2.82	15.8	1944
1945	3.15	3.17	75.4	77.2	70.6	50.2	22.4	9.95	8.17	47.3	30.5	20.5	35.1	1945
1946	24.1	15.1	94.8	41.0	22.2	14.3	4.06	2.08	1.53	1.91	6.69	23.9	21.1	1946
1947	29.1	36.1	43.3	105	76.2	72.5	26.0	20.5	5.97	4.00	4.72	8.49	42.4	1947
1948	7.68	9.10	114	115	66.9	27.0	9.90	3.60	1.82	1.94	4.89	9.54	30.7	1948
1949	20.7	29.5	56.8	118	34.3	7.24	3.42	2.21	1.94	2.33	3.61	39.4	26.7	1949
1950	84.5	33.0	39.0	157	38.4	13.4	4.53	2.90	2.46	1.90	4.27	20.6	33.4	1950
1951	33.9	25.8	82.2	170	54.4	16.5	19.5	5.72	8.11	7.45	36.2	40.3	41.9	1951
1952	40.2	45.4	54.9	167	34.0	21.7	4.83	3.20	2.74	2.05	2.20	45.9	33.5	1952
1953	14.2	15.6	51.9	70.4	54.0	22.5	11.6	8.99	4.26	4.07	6.29	15.9	23.8	1953
1954	13.3	25.9	77.8	128	48.4	11.9	3.71	2.67	5.25	21.6	35.1	32.2	33.7	1954
1955	24.4	14.0	68.0	137	31.6	11.1	3.55	2.34	2.10	62.7	52.8	16.8	35.5	1955
1956	13.5	7.22	13.1	141	102	56.1	9.35	5.91	6.91	3.68	4.87	15.6	31.8	1956
1957	18.4	22.0	48.4	65.6	33.2	14.0	9.30	2.89	2.93	3.23	7.77	43.4	22.6	1957
1958	32.4	12.7	34.5	88.7	35.6	9.37	3.35	1.91	1.05	1.96	3.66	7.10	19.5	1958
1959	6.07	8.05	22.6	149	42.5	7.57	4.45	1.76	1.82	3.21	15.2	28.9	24.2	1959
1960	14.8	25.2	22.5	216	69.6	19.8	6.31	3.06	0.859	0.795	1.58	2.07	31.6	1960
1961	1.81	4.94	21.3	66.2	61.9	28.9	8.05	4.93	3.76	3.03	3.55	11.2	18.3	1961
1962	7.05	5.32	30.8	102	28.6	8.23	2.70	2.36	2.11	3.86	23.5	23.4	19.9	1962
1963	12.0	8.81	28.7	95.7	45.0	13.4	2.68	2.21	2.13	1.63	7.52	18.1	19.6	1963
1964	18.6	19.5	44.3	67.7	42.6	11.7	2.70	1.31	1.87	1.62	2.05	8.91	18.5	1964
1965	13.9	20.8	35.9	119	45.4	6.16	3.41	1.93	4.07	22.4	48.7	63.4	32.7	1965
1966	37.3	19.7	80.6	48.7	27.0	16.8	2.99	1.23	1.49	1.52	20.3	86.1	28.7	1966
1967	29.1	29.1	27.9	105	40.1	16.5	16.1	4.33	4.24	27.2	64.4	46.0	44.0	1967
1968	25.4	31.1	65.0	68.1	20.9	24.7	15.6	3.59	3.68	4.56	13.1	26.6	25.1	1968
1969	21.6	32.6	54.4	113	97.9	29.1	10.1	6.88	3.17	3.14	12.3	21.7	33.8	1969
1970	10.8	14.1	24.0	103	49.9	14.0	8.24	3.32	3.12	3.66	18.0	27.5	23.2	1970
1971	28.7	19.7	32.7	157	50.9	8.32	3.15	2.12	2.47	4.73	6.18	26.6	27.7	1971
1972	24.1	18.0	22.0	151	81.7	23.8	21.1	16.8	6.89	13.6	44.8	44.2	38.9	1972
1973	54.4	46.0	143	89.6	36.2	12.7	2.89	2.35	2.66	1.89	8.71	19.4	34.9	1973
1974	31.3	32.6	73.4	127	82.8	19.7	6.57	2.75	2.49	4.74	11.9	19.9	34.5	1974
1975	24.0	19.9	76.4	118	51.4	11.2	1.67	1.54	1.77	1.50	3.04	14.1	27.0	1975
1976	15.3	32.2	115	144	32.5	9.96	4.01	2.54	2.20	4.24	6.74	7.73	31.3	1976
1977	7.93	8.05	93.4	64.7	16.5	3.81	1.66	2.80	2.71	8.88	19.2	40.4	23.3	1977
1978	51.7	41.7	40.9	163	56.5	9.14	2.02	1.75	1.90	2.83	11.6	19.9	33.4	1978
1979	27.5	20.6	117	131	44.5	16.2	1.93	1.40	1.28	5.06	15.7	41.7	35.3	1979
1980	42.8	13.0	82.0	96.8	44.5	13.1	5.55	3.19	3.53	7.47	20.6	34.9	30.7	1980
1981	14.0	106	85.9	42.2	29.4	23.4	15.0	8.70	43.8	27.6	48.0	26.9	38.4	1981
1982	19.7	14.1	34.3	149	40.9	21.5	5.99	3.69	4.14	5.25	25.3	88.9	32.7	1982
1983	52.1	39.1	56.9	72.2	78.4	22.5	2.23	2.09	1.25	2.69	9.71	39.1	31.6	1983
1984	20.8	76.7	67.9	149	65.6	17.0	7.38	6.94	5.69	2.66	9.89	18.8	37.0	1984
1985	32.1	26.1	108	112	31.2	10.4	4.26	2.29	15.8	12.0	63.9	40.6	38.2	1985
1986	34.3	29.6	69.0	80.4	26.4	29.9	11.0	13.8	22.1	63.2	30.7	38.4	37.9	1986
1987	26.8	17.0	55.5	140	19.0	9.46	3.80	1.26	4.52	4.98	17.7	58.8	29.7	1987
1988	29.1	35.4	54.1	103	26.0	5.09	1.32	1.15	1.75	4.80	12.7	15.0	24.0	1988
1989	16.8	15.9	26.5	84.7	37.0	22.7	7.52	1.53	1.79	9.60	43.2	27.9	24.7	1989
1990	27.6	35.5	85.3	89.2	46.7	14.2	5.80	3.00	1.13	6.34	15.1	56.1	32.2	1990
MEAN	24.5	22.6	58.8	114	50.9	21.2	7.96	4.57	4.22	8.44	18.9	26.2	30.2	MEAN

LOCATION - LAT 44 15 14 N LONG 077 25 10 W

DRAINAGE AREA, 2 620 km² REGULATED

MOIRA RIVER NEAR FOXBORO - STATION NO. 02HL001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1915	---	---	---	---	1915
1916	---	237 ON APR 05	2.24 ON OCT 06	1 360 000	1916
1917	---	294 ON MAR 30	1.80 ON OCT 07	811 000	1917
1918	---	243 ON APR 03	1.78 ON FEB 05	1 010 000	1918
1919	---	168 ON MAY 26	0.589 ON SEP 20	1 120 000	1919
1920	---	202 ON MAR 28	0.425 ON SEP 09 *	608 000	1920
1921	---	179 ON MAR 23	1.30 ON AUG 05	778 000	1921
1922	---	231 ON APR 20	0.623 ON OCT 23	829 000	1922
1923	---	174 ON APR 12	0.651 ON OCT 10	632 000	1923
1924	---	142 ON APR 10	2.21 ON SEP 24	854 000	1924
1925	---	183 ON MAR 30	1.70 ON AUG 30	989 000	1925
1926	---	250 ON APR 26	1.77 ON AUG 21	1 200 000	1926
1927	---	237 ON MAR 20	4.50 ON SEP 12	1 170 000	1927
1928	---	311 ON APR 09	10.3 ON SEP 09	1 740 000	1928
1929	---	235 ON MAR 24	1.47 ON OCT 20	1 290 000	1929
1930	---	157 ON APR 10	1.47 ON NOV 28	839 000	1930
1931	---	73.6 ON APR 06	1.08 B ON JAN 31	466 000	1931
1932	---	237 ON APR 14	1.50 ON SEP 14	1 240 000	1932
1933	---	218 ON APR 09	0.510 ON OCT 15	873 000	1933
1934	---	223 ON APR 14	1.56 ON AUG 23	762 000	1934
1935	---	148 ON MAR 26	1.56 ON OCT 20	776 000	1935
1936	---	358 ON MAR 31	1.05 ON SEP 07	1 170 000	1936
1937	---	189 ON JAN 17	1.56 ON OCT 17	1 240 000	1937
1938	---	271 ON MAR 25	1.95 ON SEP 10	821 000	1938
1939	---	281 ON APR 24	2.35 ON SEP 25	789 000	1939
1940	---	235 ON APR 21	1.81 B ON FEB 01	968 000	1940
1941	---	125 ON APR 09	0.585 ON SEP 24	625 000	1941
1942	---	186 ON MAR 21	0.963 ON SEP 07	938 000	1942
1943	---	219 ON APR 04	0.708 ON OCT 11	1 310 000	1943
1944	---	114 ON APR 28	0.821 ON NOV 02	499 000	1944
1945	---	185 ON MAR 22	2.72 ON SEP 13	1 110 000	1945
1946	---	159 ON MAR 18	1.22 ON OCT 07	665 000	1946
1947	---	292 ON APR 10	1.03 ON OCT 28	1 340 000	1947
1948	---	314 ON MAR 25	1.27 ON SEP 24	970 000	1948
1949	---	189 ON MAR 31	1.36 ON SEP 25	841 000	1949
1950	---	267 ON APR 08	1.23 ON OCT 30	1 050 000	1950
1951	---	239 ON APR 03	4.36 ON AUG 30	1 320 000	1951
1952	---	292 ON APR 08	1.23 ON NOV 02	1 060 000	1952
1953	---	143 ON MAR 30	2.74 ON SEP 19	752 000	1953
1954	---	196 ON APR 20	1.80 ON AUG 22	1 060 000	1954
1955	---	204 ON APR 07	1.10 ON SEP 10	1 120 000	1955
1956	---	197 ON APR 08	3.17 ON OCT 26	1 010 000	1956
1957	114 AT 19:00 EST ON DEC 27	113 ON DEC 27	1.42 ON SEP 01	713 000	1957
1958	140 AT 15:00 EST ON APR 03	140 ON APR 03	1.12 ON AUG 24	615 000	1958
1959	249 AT 06:00 EST ON APR 09	247 ON APR 09	1.22 ON SEP 30	763 000	1959
1960	286 AT 05:00 EST ON APR 09	286 ON APR 09	0.481 ON SEP 26	1 000 000	1960
1961	83.3 AT 11:00 EST ON MAY 22	82.4 ON APR 20	0.946B ON FEB 14	378 000	1961
1962	188 AT 21:00 EST ON APR 02	185 ON APR 02	1.14 ON SEP 03	829 000	1962
1963	214 AT 23:00 EST ON APR 02	212 ON APR 02	1.25 ON OCT 30	817 000	1963
1964	92.9 AT 07:00 EST ON APR 17	92.0 ON APR 17	0.442 ON SEP 03	586 000	1964
1965	221 AT 01:00 EST ON APR 16	219 ON APR 16	1.19 ON AUG 01	1 030 000	1965
1966	163 AT 22:30 EST ON DEC 12	160 ON DEC 12	0.470 ON AUG 01	905 000	1966
1967	167 AT 20:00 EST ON APR 05	165 ON APR 05	2.21 ON SEP 16	1 070 000	1967
1968	154 AT 14:00 EST ON MAR 31	152 ON MAR 31	2.28 ON SEP 15	795 000	1968
1969	193 AT 09:47 EST ON MAY 22	191 ON MAY 22	1.41 ON SEP 12	1 070 000	1969
1970	129 AT 03:46 EST ON APR 13	129 ON APR 13	1.53 ON SEP 15	732 000	1970
1971	250 AT 11:45 EST ON APR 16	249 ON APR 16	1.14 ON AUG 13	873 000	1971
1972	266 AT 08:11 EST ON APR 21	263 ON APR 21	1.44 ON SEP 28	1 230 000	1972
1973	253 AT 15:30 EST ON MAR 20	251 ON MAR 20	1.04 ON OCT 14	1 100 000	1973
1974	215 AT 03:57 EST ON APR 08	212 ON APR 07	1.63 ON AUG 23	1 090 000	1974
1975	220 AT 06:47 EST ON APR 23	219 ON APR 23	0.974 ON JUL 18	851 000	1975
1976	343 AT 22:04 EST ON APR 03	343 ON APR 03	1.61 ON AUG 29	990 000	1976
1977	206 AT 21:55 EST ON MAR 17	204 ON MAR 18	1.04 ON JUL 23	736 000	1977
1978	214 AT 01:25 EST ON APR 24	213 ON APR 24	1.20 ON AUG 23	1 050 000	1978
1979	233 AT 00:42 EST ON MAR 28	229 ON MAR 28	0.832 ON SEP 12	1 110 000	1979
1980	312 AT 14:27 EST ON MAR 24 *	306 ON MAR 24 *	2.32 ON AUG 27	970 000	1980
1981	366 AT 15:25 EST ON FEB 26 *	364 ON FEB 26 *	3.01 ON JUL 26	1 210 000	1981
1982	199 AT 21:45 EST ON APR 23	197 ON APR 23	2.42 ON OCT 14	1 030 000	1982
1983	112 AT 10:55 EST ON MAY 08	111 ON MAY 07	0.625 ON SEP 15	997 000	1983
1984	248 AT 07:16 EST ON APR 09	247 ON APR 09	2.18 ON OCT 20	1 170 000	1984
1985	170 AT 00:39 EST ON MAR 17	169 ON MAR 16	1.73 ON AUG 14	1 200 000	1985
1986	167 AT 10:32 EST ON MAR 31	167 ON MAR 31	6.64 ON JUL 20	1 200 000	1986
1987	288 AT 07:34 EST ON APR 08	286 ON APR 08	0.856 ON AUG 28	938 000	1987
1988	211 AT 08:59 EST ON MAR 30	210 ON MAR 30	0.598 ON AUG 21	760 000	1988
1989	144 AT 17:15 EST ON APR 01	143 ON APR 01	0.806 ON AUG 29	778 000	1989
1990	165 AT 00:28 EST ON MAR 20	164 ON MAR 19	0.849 ON SEP 24	1 010 000	1990
				952 000	MEAN

B - ICE CONDITIONS

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

MOIRA RIVER NEAR THOMASBURG - STATION NO. 02HL104

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1969	---	---	42.4	98.7	86.6	22.0	6.47	4.29	1.77	1.77	6.84	15.8	---	1969
1970	---	---	---	88.0	40.3	10.3	5.88	2.37	2.18	2.58	11.1	30.3	---	1970
MEAN	---	---	42.4	93.3	63.5	16.1	6.18	3.33	1.98	2.18	8.97	23.0	---	MEAN

LOCATION - LAT 44 24 27 N
LONG 077 18 35 W

DRAINAGE AREA, 2 210 km^2
REGULATED

DATA CONTRIBUTED BY -
ONTARIO MINISTRY OF THE ENVIRONMENT

MOIRA RIVER NEAR THOMASBURG - STATION NO. 02HL104

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1969	---	---	---	---	1969
1970	116 AT 04:00 EST ON APR 18 *	114 ON APR 17 *	---	---	1970
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		---	MEAN

MONTREAL RIVER AT ALGOMA CENTRAL AND HUDSON BAY RAILWAY - STATION NO. 02BE001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1915	---	---	---	---	73.5	83.9	41.2	30.5	---	---	70.8	57.4	---	1915
1916	23.0	19.2	19.4	116	160	79.2	31.0	22.9	29.6	39.6	62.3	42.6	53.7	1916
1917	28.1	16.2	10.4	26.2	84.7	104	70.5	36.6	36.1	38.6	49.5	16.9	41.3	1917
1918	---	---	---	41.7	133	135	76.9	35.1	48.9	66.0	71.2	44.8	---	1918
1919	32.6	29.4	32.0	86.0	102	36.1	20.7	---	---	---	---	---	---	1919
1920	---	---	---	---	---	---	---	8.81	11.6	11.4	11.2	11.7	---	1920
1921	11.1	11.2	11.9	---	---	---	---	6.43	6.98	16.5	14.9	14.9	---	1921
1922	14.9	---	---	---	---	36.3	10.1	19.5	9.51	12.9	16.9	---	---	1922
1923	---	---	---	63.1	211	31.5	47.2	---	---	---	---	---	---	1923
					167	33.8	19.1							
1930	---	---	---	---	---	---	62.5	13.3	12.6	27.2	28.5	15.0	---	1930
1931	8.81	8.21	8.52	69.0	67.6	29.7	10.9	5.07	26.8	53.0	97.0	65.0	37.5	1931
1932	34.1	22.3	16.9	69.7	127	29.6	14.4	11.4	10.3	26.4	39.0	22.0	35.3	1932
1933	16.2	10.1	9.17	100	177	48.2	15.3	6.12	4.91	21.7	36.1	14.2	38.5	1933
1934	9.97	9.23	7.39	15.8	183	37.1	11.7	---	---	---	---	52.8	---	1934
1935	16.1	10.8	10.3	68.7	117	68.0	48.8	17.1	14.5	---	---	---	---	1935
MEAN	19.5	15.2	14.0	65.6	134	57.9	34.5	17.7	19.2	31.3	43.1	32.5	41.3	MEAN

LOCATION - LAT 47 16 30 N LONG 084 26 00 W DRAINAGE AREA, 2 850 km² NATURAL FLOW

MONTREAL RIVER AT ALGOMA CENTRAL AND HUDSON BAY RAILWAY - STATION NO. 02BE001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1915	---	---	---	---	1915
1916	---	345E ON APR 28	9.71 ON AUG 07	1 700 000	1916
1917	---	149 ON JUN 05	5.55E ON MAR 03	1 300 000	1917
1918	---	242 ON JUN 03	---	---	1918
1919	---	---	---	---	1919
1920	---	---	---	---	1920
1921	---	---	---	---	1921
1922	---	---	3.06E ON AUG 30 *	---	1922
1923	---	---	8.92 ON SEP 30	---	1923
		314 ON MAY 03	---	---	
1930	---	199 ON JUN 28	---	---	1930
1931	---	194E ON NOV 27	4.28E ON AUG 20	1 180 000	1931
1932	---	185 ON MAY 03	6.13 ON SEP 20	1 120 000	1932
1933	---	241 ON MAY 03	3.88 ON SEP 16	1 210 000	1933
1934	---	348 ON MAY 06 *	---	---	1934
1935	---	217 ON APR 30	---	---	1935
	E - ESTIMATED	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		1 300 000	MEAN

MONTREAL RIVER AT ELK LAKE - STATION NO. 02JD004

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1937	---	---	---	---	---	---	---	---	---	---	---	---	---	1937
1938	22.9	22.9	31.8	174	148	79.6	30.2	25.4	21.4	44.7	65.7	49.0	---	1938
1939	22.5	21.3	19.9	31.9	182	120	71.9	23.4	20.8	18.9	38.5	23.7	51.7	1939
										31.5			30.9	
1940	23.1	17.6	15.9	20.4	119	117	64.0	25.7	25.7	26.4	35.7	32.5	43.6	1940
1941	23.4	21.1	18.7	126	141	48.5	72.0	51.0	74.1	123	120	27.4	73.4	1941
1942	42.7	25.1	25.0	110	182	43.9	27.1	17.8	16.5	17.2	22.7	22.6	39.5	1942
1943	20.9	18.6	17.1	36.7	196	78.0	45.7	20.6	21.1	19.5	24.7	21.4	37.1	1943
1944	19.1	17.0	17.8	38.3	120	50.9	25.1	20.3	21.4	23.3	24.7	22.1	33.4	1944
1945	20.2	16.8	32.8	122	111	135	35.7	20.4	19.6	25.0	41.8	25.1	50.4	1945
1946	23.8	20.8	43.6	73.8	76.3	61.8	36.9	22.9	22.5	21.9	23.4	45.4	39.5	1946
1947	23.1	20.2	22.0	49.9	230	206	61.7	46.0	41.3	18.6	19.7	10.6	59.4	1947
1948	11.0	11.3	12.8	64.2	106	42.0	35.6	27.5	18.9	12.6	13.0	24.9	32.2	1948
1949	23.7	24.4	26.8	100	148	72.8	57.2	19.8	16.7	16.3	12.4	14.2	44.7	1949
1950	15.4	15.4	15.3	29.8	181	83.1	44.6	22.7	22.1	19.2	19.2	20.1	40.9	1950
1951	19.1	20.2	25.3	167	128	63.3	52.0	40.1	38.3	99.5	84.4	60.1	67.7	1951
1952	25.8	22.5	23.0	84.2	120	56.9	27.1	22.2	18.6	19.6	23.2	26.3	39.9	1952
1953	23.0	21.9	24.0	143	133	52.0	33.9	24.4	27.6	20.3	17.8	21.8	45.5	1953
1954	22.1	20.7	33.1	106	147	91.6	48.7	23.5	21.1	83.9	77.2	40.1	59.7	1954
1955	26.0	23.1	15.1	88.6	74.2	38.6	22.5	18.4	9.79	18.8	38.6	31.7	33.8	1955
1956	23.4	19.2	19.4	38.2	173	91.0	45.3	35.0	32.1	41.8	28.8	20.4	47.4	1956
1957	20.5	16.4	25.9	80.0	96.6	---	---	---	---	---	---	---	---	1957
MEAN	22.9	20.0	23.7	84.2	132	80.7	43.9	26.0	24.7	35.0	38.3	30.6	46.9	MEAN

LOCATION - LAT 47 43 33 N LONG 080 19 29 W DRAINAGE AREA, 4 120 km² REGULATED

MONTREAL RIVER AT ELK LAKE - STATION NO. 02JD004

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1937	---	---	---	---	1937
1938	---	281 ON MAY 01	18.0 ON OCT 25	1 630 000	1938
1939	---	250 ON MAY 11	16.6 ON MAR 29	1 600 000	1939
1940	---	189 ON MAY 28	14.1 ON APR 14	1 380 000	1940
1941	---	282 ON APR 22	18.7 B ON MAR 01	2 310 000	1941
1942	---	197 ON APR 27	14.9 ON AUG 27	1 240 000	1942
1943	---	176 ON MAY 08	12.7 ON MAR 25	1 170 000	1943
1944	---	162 ON MAY 02	15.0 ON FEB 20	1 060 000	1944
1945	---	297 ON MAY 30 *	16.3 ON FEB 05	1 390 000	1945
1946	---	130 ON MAY 29	17.6 ON FEB 28	1 250 000	1946
1947	---	264 ON MAY 19	8.30 ON NOV 30	1 870 000	1947
1948	---	152 ON APR 28	7.82 ON FEB 16	1 020 000	1948
1949	---	212 ON MAY 02	11.7 ON NOV 09	1 410 000	1949
1950	---	244 ON MAY 13	12.9 ON JAN 02	1 290 000	1950
1951	---	274 ON APR 17	17.4 ON JAN 18	1 740 000	1951
1952	---	199 ON APR 23	14.1 ON AUG 30	1 460 000	1952
1953	---	101 ON APR 16	13.1 ON OCT 12	1 430 000	1953
1954	---	215 ON APR 24	18.3 ON SEP 16	1 880 000	1954
1955	---	169 ON APR 21	7.36 ON SEP 13 *	1 060 000	1955
1956	---	236 ON MAY 16	14.4 ON FEB 26	1 500 000	1956
1957	---	---	---	---	1957
				1 480 000	MEAN

B - ICE CONDITIONS * - EXTREME RECORDED FOR THE PERIOD OF RECORD

MONTREAL RIVER AT INDIAN CHUTE - STATION NO. 02JD006

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1923	---	---	---	---	---	---	34.0	19.5	32.5	21.5	20.9	18.6	---	1923
1924	18.7	17.6	16.0	37.5	84.6	35.5	18.3	15.8	16.1	16.3	16.5	20.5	26.2	1924
1925	15.4	12.9	13.6	63.2	67.5	72.9	46.2	29.4	17.9	16.8	21.4	25.6	33.6	1925
1926	16.6	16.7	16.4	15.7	99.2	74.0	36.9	31.5	16.9	16.1	24.5	27.5	34.5	1926
1927	23.8	19.7	25.3	96.0	179	51.1	31.1	20.8	23.1	25.5	32.7	36.3	42.1	1927
1928	33.6	30.8	24.9	58.4	258	103	107	46.7	84.3	138	100	53.0	86.4	1928
1929	29.5	24.6	21.2	73.5	138	99.6	61.3	28.1	30.3	50.8	57.5	32.0	53.9	1929
1930	18.7	20.2	21.8	46.1	137	105	115	39.6	24.4	22.8	24.4	22.9	50.1	1930
1931	19.8	17.1	13.6	57.6	108	56.0	36.7	19.5	20.6	27.4	46.5	---	---	1931
1932	---	---	---	59.0	89.0	28.3	20.4	23.0	30.4	66.5	85.6	36.0	---	1932
1933	26.1	21.9	22.8	88.3	110	46.2	33.6	31.9	20.6	17.1	18.7	19.7	39.0	1933
1934	18.7	18.1	16.8	26.3	179	46.5	23.0	17.4	16.9	23.9	39.0	41.3	39.2	1934
1935	19.4	15.7	17.4	42.8	83.2	40.0	33.2	19.5	12.7	18.7	20.1	19.4	28.6	1935
1936	16.4	14.7	13.5	26.0	180	59.4	26.0	17.9	15.8	14.8	16.4	19.1	32.2	1936
1937	19.0	15.6	14.2	42.3	94.4	31.1	25.7	42.1	30.4	37.5	51.8	43.9	37.5	1937
1938	21.2	21.1	25.3	138	118	25.5	27.2	23.0	17.8	15.8	14.5	20.4	42.4	1938
1939	20.4	19.3	17.8	24.5	147	63.4	60.2	21.5	19.8	28.2	32.5	20.2	41.8	1939
1940	20.7	15.7	14.2	15.3	92.9	96.4	54.7	16.0	22.3	24.3	35.0	26.8	36.2	1940
1941	20.5	19.4	17.3	106	105	49.4	60.6	45.4	63.0	99.3	98.2	63.2	69.1	1941
1942	34.3	20.4	21.1	87.5	83.1	39.5	22.1	14.2	11.8	12.5	20.2	19.1	35.2	1942
1943	18.3	14.7	13.4	25.2	98.7	68.5	40.2	18.1	18.9	17.7	19.5	19.4	31.1	1943
1944	17.1	14.4	15.6	29.6	95.8	43.2	22.8	18.7	18.6	19.1	20.5	19.4	28.0	1944
1945	18.5	14.3	25.5	103	91.2	115	34.0	18.5	16.6	22.7	36.8	22.8	43.2	1945
1946	21.8	18.7	35.5	60.1	67.2	52.8	31.4	21.0	20.8	20.2	19.7	36.8	33.9	1946
1947	20.8	16.6	20.1	38.5	199	174	52.3	49.5	20.5	19.2	13.3	8.74	51.0	1947
1948	10.5	10.2	12.1	57.5	92.8	37.5	28.9	23.7	19.8	14.4	10.1	20.1	27.6	1948
1949	19.3	20.4	23.7	77.8	125	61.4	49.0	17.5	16.6	13.7	9.91	11.8	37.3	1949
1950	12.8	12.6	13.2	21.7	151	74.3	41.6	20.7	20.4	17.1	15.5	15.9	34.9	1950
1951	16.1	16.5	20.6	144	106	54.5	44.7	33.2	32.7	85.7	82.1	51.8	57.2	1951
1952	25.2	24.7	21.6	62.8	89.9	48.7	29.7	20.7	16.6	14.5	18.0	20.0	33.5	1952
1953	20.0	20.0	27.0	114	116	48.3	30.2	25.3	15.2	12.0	14.3	17.2	30.4	1953
1954	16.5	18.0	26.6	83.5	128	74.3	42.4	23.4	19.4	67.6	65.8	32.6	50.1	1954
1955	21.5	19.2	11.6	73.7	62.3	32.8	21.5	17.4	7.68	13.2	28.3	25.4	27.9	1955
1956	19.9	16.3	16.5	28.1	144	77.8	35.9	29.2	25.4	33.2	22.9	16.2	38.9	1956
1957	15.8	13.3	23.5	---	---	---	---	---	---	---	---	---	---	1957
MEAN	20.3	18.0	19.4	61.2	117	65.3	40.8	24.6	23.4	31.2	34.0	26.8	40.5	MEAN

LOCATION - LAT 47 50 30 N LONG 080 27 00 W DRAINAGE AREA, 3 420 km² REGULATED

MONTREAL RIVER AT INDIAN CHUTE - STATION NO. 02JD006

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1923	---	---	---	---	1923
1924	---	125 ON APR 30	12.7 ON JUL 28	828 000	1924
1925	---	104 ON JUN 17	12.9 B ON JAN 30	1 060 000	1925
1926	---	122 ON MAY 18	12.0 ON SEP 30	1 090 000	1926
1927	---	183 ON APR 22	14.3 ON OCT 31	1 330 000	1927
1928	---	331 ON MAY 12 *	20.7 ON MAR 17	2 740 000	1928
1929	---	181 ON MAY 02	18.4 ON SEP 05	1 700 000	1929
1930	---	187 ON MAY 06	18.7 B ON JAN 01	1 580 000	1930
1931	---	124 ON MAY 13	---	---	1931
1932	---	121 ON APR 24	---	---	1932
1933	---	168 ON APR 21	15.6 ON OCT 23	1 230 000	1933
1934	---	300 ON MAY 07	14.0 ON SEP 12	1 240 000	1934
1935	---	136 ON MAY 01	11.8 ON SEP 18	902 000	1935
1936	---	243 ON MAY 15	13.3 B ON MAR 01	1 110 000	1936
1937	---	164 ON MAY 01	14.2 B ON MAR 01	1 180 000	1937
1938	---	214 ON MAY 01	13.6 ON NOV 07	1 340 000	1938
1939	---	210 ON MAY 10	13.6 ON APR 09	1 320 000	1939
1940	---	141 ON MAY 27	12.5 ON AUG 17	1 150 000	1940
1941	---	216 ON APR 22	13.3 B ON MAR 01	1 960 000	1941
1942	---	162 ON APR 22	10.9 ON AUG 19	1 010 000	1942
1943	---	146 ON MAY 07	12.5 ON OCT 26	983 000	1943
1944	---	155 ON MAY 03	14.3 ON NOV 06	804 000	1944
1945	---	236 ON MAY 30	14.3 B ON FEB 01	1 360 000	1945
1946	---	133 ON MAY 29	13.5 ON JUL 17	1 070 000	1946
1947	---	240 ON MAY 18	4.53 ON NOV 27	1 610 000	1947
1948	---	138 ON APR 28	6.23 ON NOV 14	874 000	1948
1949	---	184 ON MAY 02	7.93 ON DEC 05	1 180 000	1949
1950	---	200 ON MAY 11	11.0 ON NOV 19	1 100 000	1950
1951	---	235 ON APR 17	16.1 B ON JAN 01	1 420 000	1951
1952	---	143 ON APR 26	4.87 ON AUG 25	1 060 000	1952
1953	---	162 ON APR 16	8.10 ON SEP 25	1 210 000	1953
1954	---	174 ON APR 26	8.10 ON AUG 22	1 580 000	1954
1955	---	143 ON APR 21	0.425 ON SEP 25 *	879 000	1955
1956	---	203E ON MAY 19	9.03 ON MAR 04	1 230 000	1956
1957	---	---	---	---	1957
				1 280 000	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

MONTREAL RIVER AT INDIAN CHUTE PLANT - STATION NO. 02JD005

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1936	---	---	---	---	---	---	---	---	---	14.8	15.1	17.3	---	1936
1937	17.8	13.1	11.2	44.4	105	27.3	22.2	40.1	29.2	33.8	48.3	39.1	36.1	1937
1938	19.9	19.1	21.8	147	130	64.4	23.4	20.4	16.2	---	---	---	---	1938
1939	---	---	---	---	---	---	---	---	---	23.6	32.3	18.3	---	1939
1940	19.3	12.7	11.3	12.2	91.6	95.7	48.7	19.5	17.9	19.4	27.1	23.2	33.3	1940
1941	16.5	17.7	14.2	109	107	57.8	52.4	42.2	58.7	94.3	93.4	60.3	49.0	1941
1942	33.2	19.5	20.3	83.7	80.5	35.1	18.1	12.2	9.88	9.75	18.6	18.9	30.0	1942
1943	18.0	13.9	11.8	23.0	95.3	63.3	35.7	18.4	17.0	13.3	17.4	17.5	28.8	1943
1944	14.8	12.3	14.5	27.2	91.7	37.6	19.6	16.3	16.6	16.8	17.3	17.9	25.3	1944
1945	16.8	12.9	22.3	97.1	89.3	101	26.1	16.2	14.2	21.1	33.9	21.5	39.4	1945
1946	21.4	18.4	35.6	56.7	67.4	54.4	33.1	20.0	19.2	19.0	18.7	35.9	33.4	1946
1947	19.7	18.1	20.1	37.6	209	173	48.4	24.9	16.2	16.1	11.8	9.19	50.3	1947
1948	10.4	9.91	12.1	49.8	91.8	38.1	28.4	23.4	20.4	11.0	9.05	20.2	47.9	1948
1949	18.8	19.1	23.3	75.7	125	60.5	50.9	15.9	16.3	13.5	9.56	11.2	36.7	1949
1950	12.2	12.1	12.7	20.2	149	69.0	41.3	22.2	21.6	16.9	14.7	17.0	34.3	1950
1951	16.1	18.6	21.0	153	102	41.1	37.1	29.0	31.1	91.4	85.0	51.1	56.7	1951
1952	24.7	24.7	21.4	68.4	93.4	55.7	21.6	20.3	19.2	18.1	20.0	20.9	32.5	1952
1953	19.8	20.5	28.1	114	139	55.8	29.8	26.1	15.7	12.5	15.2	17.8	39.1	1953
1954	18.4	18.0	26.6	88.0	127	69.2	37.4	20.9	17.8	63.1	65.7	30.8	48.7	1954
1955	21.3	17.3	9.97	71.0	65.6	35.2	22.3	17.3	4.94	9.20	26.2	25.0	27.1	1955
1956	20.1	16.0	17.5	26.0	150	77.4	34.7	29.1	27.0	33.6	23.4	17.6	39.7	1956
1957	16.1	13.4	23.6	68.0	79.6	---	---	---	---	---	---	---	---	1957
MEAN	18.9	16.3	19.0	68.7	109	61.5	33.2	22.7	20.5	27.7	30.1	24.5	37.6	MEAN

LOCATION - LAT 47 50 30 N
LONG 080 26 50 W
DRAINAGE AREA, 3 420 km²
REGULATED

DATA CONTRIBUTED BY - GREAT NORTHERN POWER COMPANY

MONTREAL RIVER AT INDIAN CHUTE PLANT - STATION NO. 02JD005

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1936	---	---	---	---	1936
1937	---	---	---	---	1937
1938	---	189 ON MAY 01	9.06 ON FEB 18	1 140 000	1938
1939	---	---	---	---	1939
1940	---	---	---	---	1940
1941	---	153 ON MAY 27	6.23 ON APR 08	1 050 000	1941
1942	---	250 ON APR 22	13.3 ON MAR 02	1 860 000	1942
1943	---	163 ON APR 27	8.21 ON AUG 19	946 000	1943
1944	---	151 ON MAY 09	7.08 ON MAR 24	909 000	1944
		146 ON MAY 01	9.06 ON DEC 25	800 000	
1945	---	238 ON MAY 30	9.34 ON FEB 05	1 240 000	1945
1946	---	148 ON MAY 27	4.25 ON JUL 17	1 050 000	1946
1947	---	266 ON MAY 19 *	4.53 ON NOV 23	1 590 000	1947
1948	---	141 ON MAY 02	2.15 ON NOV 07	855 000	1948
1949	---	187 ON MAY 01	5.15 ON DEC 26	1 160 000	1949
1950	---	217 ON MAY 13	5.06 ON JAN 01	1 090 000	1950
1951	---	166 ON APR 18	10.7 ON AUG 26	1 730 000	1951
1952	---	165 ON APR 26	5.04 ON AUG 29	1 030 000	1952
1953	---	164 ON MAY 09	6.68 ON SEP 26	1 270 000	1953
1954	---	191 ON APR 26	4.64 ON FEB 14	1 540 000	1954
1955	---	139 ON APR 21	0.255 ON SEP 25 *	855 000	1955
1956	---	211 ON MAY 19	7.59 ON MAR 01	1 260 000	1956
1957	---	---	---	---	1957

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

1 190 000 MEAN

MONTREAL RIVER AT LOWER NOTCH GENERATING STATION - STATION NO. 02JD010

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1972	42.9	60.9	82.1	63.4	223	75.5	55.1	75.8	56.2	53.7	53.3	55.5	75.0	1972
1973	79.4	75.5	105	143	197	157	78.3	55.8	37.6	62.3	69.0	66.0	94.0	1973
1974	42.7	58.1	91.0	90.3	253	131	82.7	33.7	35.8	56.2	69.0	57.9	83.8	1974
1975	61.9	60.7	69.5	93.8	174	119	43.6	19.1	20.5	17.9	25.2	40.1	62.0	1975
1976	46.2	50.4	81.8	208	220	73.7	36.5	31.1	38.3	44.4	57.8	38.2	75.5	1976
1977	47.8	49.7	74.2	203	145	48.6	37.4	26.7	30.4	37.4	56.8	34.1	67.5	1977
1978	68.8	74.2	62.1	87.2	191	84.6	36.7	32.7	36.4	62.8	58.2	30.8	69.0	1978
1979	52.2	68.6	78.4	187	407	131	78.5	44.8	37.6	64.6	92.5	111	113	1979
1980	81.7	67.1	49.7	112	184	57.0	46.1	32.3	35.4	56.7	63.5	64.2	71.1	1980
1981	51.4	58.7	72.4	230	108	100	59.8	31.6	32.2	46.8	46.0	56.4	74.3	1981
1982	66.2	68.9	52.8	64.6	140	44.4	26.3	11.8	31.0	64.3	75.9	87.8	61.2	1982
1983	83.6	80.2	57.2	70.5	238	184	36.4	41.9	20.7	61.5	55.5	71.7	86.3	1983
1984	82.8	75.9	60.5	133	126	116	123	60.4	34.2	47.7	78.6	83.9	85.1	1984
1985	83.2	98.4	71.1	115	255	87.6	61.7	46.4	31.4	30.1	48.9	57.1	82.1	1985
1986	76.9	87.0	51.5	144	149	66.8	33.5	27.3	37.5	65.4	86.2	62.0	73.7	1986
1987	70.3	75.6	56.5	65.7	53.1	40.6	29.7	21.6	10.4	22.7	24.7	64.6	44.3	1987
1988	60.1	59.9	45.8	201	254	77.1	32.4	36.3	36.4	64.7	167	105	94.7	1988
1989	99.3	87.4	29.5	76.4	234	196	59.8	27.2	10.5	17.5	39.3	65.8	78.5	1989
1990	67.7	64.2	55.7	114	190	108	85.9	43.6	21.1	93.3	96.6	120	88.6	1990
MEAN	66.6	69.5	65.6	125	198	100	54.9	36.9	31.7	51.0	65.4	69.1	77.8	MEAN

LOCATION - LAT 47 08 15 N
LONG 079 27 15 W
DRAINAGE AREA, 6 600 km²
REGULATED

MONTREAL RIVER AT LOWER NOTCH GENERATING STATION - STATION NO. 02JD010

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1972	---	368 ON MAY 08	0 ON JAN 01 *	2 370 000	1972
1973	---	314 ON MAY 10	0 ON FEB 04	2 960 000	1973
1974	---	394 ON MAY 07	0 ON JAN 01	2 640 000	1974
1975	---	320 ON MAY 08	0 ON JAN 05	1 960 000	1975
1976	---	396 ON APR 23	0 ON JAN 18	2 390 000	1976
1977	---	430 ON APR 23	0 ON JAN 23	2 130 000	1977
1978	---	343 ON MAY 17	0 ON JAN 01	2 140 000	1978
1979	---	589 ON MAY 01 *	0 ON JAN 01	3 570 000	1979
1980	---	340 ON MAY 03	0 ON MAR 30	2 250 000	1980
1981	---	318 ON APR 21	0 ON AUG 16	2 140 000	1981
1982	---	311 ON APR 28	0 ON JUL 31	1 930 000	1982
1983	---	401 ON MAY 08	0 ON JUL 10	2 720 000	1983
1984	---	231 ON APR 27	0 ON AUG 04	2 690 000	1984
1985	---	456 ON APR 29	0 ON OCT 26	2 590 000	1985
1986	---	251 ON APR 24	0 ON MAR 22	2 320 000	1986
1987	---	181 ON MAR 09	0 ON APR 26	1 400 000	1987
1988	---	375 ON MAY 06	0 ON JUN 26	2 990 000	1988
1989	---	324 ON MAY 11	0 ON JUL 07	2 480 000	1989
1990	---	298 ON MAY 01	0 ON JAN 01	2 790 000	1990
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		2 460 000	MEAN

MONTREAL RIVER AT MOUNTAIN CHUTES - STATION NO. 02JD009

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1968	---	---	5.99	77.3	93.1	99.7	50.3	25.1	26.3	36.9	28.6	20.6	---	1968
1969	17.2	21.1	18.2	109	145	62.3	34.2	24.7	11.7	20.4	75.4	46.4	48.8	1969
1970	21.2	18.2	15.9	35.9	165	107	64.9	27.8	16.8	29.6	22.6	26.1	46.2	1970
1971	18.6	19.1	22.4	66.9	159	---	---	---	8.52	14.7	22.6	31.9	---	1971
1972	26.9	23.4	22.4	29.6	177	63.6	28.6	25.0	23.5	30.2	33.0	24.9	42.5	1972
1973	22.1	20.7	36.4	106	156	90.6	51.1	26.3	25.1	32.6	44.7	42.1	54.0	1973
1974	23.3	22.7	25.3	56.7	222	80.3	48.2	23.4	17.3	32.5	37.0	26.0	51.5	1974
1975	23.2	18.2	21.3	51.2	159	110	27.5	8.75	8.91	9.37	14.1	18.3	39.2	1975
1976	17.7	19.5	21.1	104	169	48.4	21.2	12.0	20.2	33.9	25.5	16.4	49.0	1976
1977	18.2	17.6	27.3	163	111	29.6	16.0	7.37	14.8	19.7	30.0	28.3	39.6	1977
1978	27.3	20.3	17.0	21.1	157	70.7	32.0	18.3	19.9	39.2	26.8	24.9	39.2	1978
1979	23.4	18.6	27.6	150	279	92.1	47.6	22.0	18.7	35.4	62.0	58.5	69.8	1979
1980	31.8	22.1	19.7	76.8	157	43.3	19.5	16.2	18.0	36.6	35.5	29.9	42.2	1980
1981	16.6	18.3	23.1	176	86.1	67.7	39.1	13.1	12.6	30.7	48.5	25.4	44.8	1981
1982	25.1	18.1	16.3	43.5	126	38.8	20.6	9.11	19.5	41.3	44.0	39.1	37.0	1982
1983	32.9	27.8	29.4	49.2	219	125	28.5	27.7	19.4	39.3	31.3	31.7	55.6	1983
1984	26.9	26.0	26.9	107	104	73.8	66.5	39.7	20.6	27.2	46.9	48.3	52.8	1984
1985	36.6	25.4	26.0	96.6	191	65.3	35.5	24.4	15.1	19.7	38.2	38.0	51.2	1985
1986	26.3	24.5	15.5	121	127	45.2	16.7	19.1	32.2	42.4	48.6	30.4	47.4	1986
1987	24.4	23.2	21.3	50.5	48.3	33.6	28.0	17.2	9.65	22.8	20.4	28.0	27.3	1987
1988	42.5	22.2	19.2	171	191	49.5	19.6	24.9	20.2	35.1	96.0	60.1	60.9	1988
1989	36.2	25.2	17.9	56.1	209	131	42.8	17.4	12.5	11.3	24.9	24.3	50.8	1989
1990	21.6	20.4	35.3	95.0	160	70.6	68.6	26.6	20.1	66.3	78.0	69.1	61.2	1990
MEAN	24.5	21.2	22.2	91.0	157	72.6	37.6	20.6	17.8	30.7	39.9	33.8	48.0	MEAN

LOCATION - LAT 47 38 21 N LONG 080 11 28 W DRAINAGE AREA, 4 300 km^2 REGULATED

MONTREAL RIVER AT MOUNTAIN CHUTES - STATION NO. 02JD009

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1968	---	---	---	---	1968
1969	354 AT 21:00 EST ON APR 21	311 ON APR 22	7.22 ON SEP 23	1 540 000	1969
1970	210 AT 03:00 EST ON MAY 04	209 ON MAY 04	9.91 ON APR 05	1 460 000	1970
1971	188 AT 10:40 EST ON MAY 06	---	---	---	1971
1972	251 AT 09:11 EST ON MAY 11	247 ON MAY 09	19.4 ON SEP 25	1 350 000	1972
1973	213 AT 09:27 EST ON MAY 06	212 ON MAY 06	19.5 ON FEB 27	1 700 000	1973
1974	323 AT 06:49 EST ON MAY 04	320 ON MAY 04	13.3 ON SEP 11	1 620 000	1974
1975	245 AT 21:16 EST ON MAY 07	245 ON MAY 08	5.30 ON OCT 23	1 240 000	1975
1976	405 AT 10:35 EST ON APR 24	405 ON APR 24	2.94 ON SEP 02 *	1 550 000	1976
1977	396 AT 16:15 EST ON APR 24	394 ON APR 24	5.64 ON AUG 21	1 250 000	1977
1978	254 AT 00:30 EST ON MAY 16	253 ON MAY 16	13.5 ON APR 10	1 240 000	1978
1979	522 AT 13:53 EST ON APR 28 *	517 ON APR 28 *	9.29 ON OCT 09	2 200 000	1979
1980	249 AT 12:19 EST ON MAY 02	248 ON MAY 02	8.69 ON AUG 07	1 340 000	1980
1981	248 AT 03:14 EST ON APR 18	246 ON APR 18	8.60 ON AUG 05	1 410 000	1981
1982	217 AT 23:15 EST ON MAY 04	216 ON MAY 04	4.88 ON AUG 21	1 170 000	1982
1983	307 AT 11:22 EST ON MAY 06	305 ON MAY 06	15.8 E ON JUL 21	1 750 000	1983
1984	206 AT 00:04 EST ON APR 29	203 ON APR 27	17.0 ON SEP 22	1 670 000	1984
1985	367 AT 10:10 EST ON MAY 02	364 ON MAY 02	9.29 ON SEP 22	1 610 000	1985
1986	212 AT 10:14 EST ON APR 22	212 ON APR 22	10.6 ON JUL 19	1 430 000	1986
1987	78.1 AT 16:32 EST ON MAY 02	77.0 ON MAY 03	9.25 ON SEP 08	861 000	1987
1988	292 AT 14:46 EST ON MAY 04	291 ON MAY 04	12.6 ON AUG 02	1 920 000	1988
1989	266 AT 10:16 EST ON MAY 07	264 ON MAY 07	10.3 ON OCT 05	1 600 000	1989
1990	268 AT 11:56 EST ON APR 28	266 ON APR 28	16.7 ON MAR 06	1 930 000	1990
	E - ESTIMATED	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		1 520 000	MEAN

MONTREAL RIVER AT UPPER NOTCH GENERATING STATION - STATION NO. 02JD008

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1931	43.7	46.8	48.3	121	152	96.6	49.0	42.6	49.3	48.8	82.3	84.1	72.0	1931
1932	54.8	51.4	57.4	127	151	59.2	40.1	48.8	65.8	120	164	77.8	84.9	1932
1933	49.8	51.4	55.9	184	191	104	55.5	48.3	36.9	36.7	44.9	44.4	75.2	1933
1934	47.3	47.1	45.7	80.8	294	92.1	44.5	47.7	44.8	49.2	62.8	72.8	76.1	1934
1935	53.8	43.4	57.5	99.7	129	69.8	58.6	45.0	43.6	42.3	49.2	44.2	60.7	1935
1936	45.7	42.0	47.2	76.2	359	119	44.1	45.9	40.5	44.0	45.1	45.8	79.8	1936
1937	49.1	47.8	44.5	91.9	145	55.5	50.1	74.5	66.3	70.7	104	88.5	74.2	1937
1938	49.7	44.7	90.9	277	201	100	44.9	45.9	46.2	42.3	41.8	40.8	85.5	1938
1939	43.7	44.1	45.6	64.2	227	176	90.1	42.2	41.0	46.8	50.8	45.5	76.7	1939
1940	43.6	43.6	42.0	51.2	134	156	94.8	49.7	56.5	48.8	65.8	66.1	71.0	1940
1941	47.8	53.1	61.1	205	177	72.9	103	72.6	85.0	181	179	116	113	1941
1942	80.7	50.7	63.9	175	129	77.6	47.8	46.5	43.5	41.9	42.5	40.9	70.0	1942
1943	39.8	37.3	41.2	64.9	152	112	76.1	45.2	45.2	43.6	46.9	47.4	62.8	1943
1944	44.3	45.1	44.6	68.9	143	65.2	47.4	45.1	46.8	43.6	46.3	45.1	57.2	1944
1945	---	---	---	146	155	285	59.1	38.7	39.5	47.8	62.7	53.8	---	1945
1946	62.9	57.4	94.6	101	101	103	62.7	43.2	43.8	47.3	45.4	67.6	69.1	1946
1947	62.6	67.7	75.6	92.7	382	421	99.2	39.4	38.2	40.6	47.1	31.2	116	1947
1948	24.4	28.2	27.5	93.8	139	46.0	48.2	46.2	43.8	46.9	54.7	54.2	55.5	1948
1949	45.1	51.3	87.4	166	234	137	119	45.9	47.1	37.3	33.8	33.7	86.7	1949
1950	33.3	43.0	49.6	65.5	238	107	62.7	41.9	38.5	34.9	36.0	44.4	66.5	1950
1951	51.0	64.9	68.4	268	188	103	94.7	63.6	76.3	102	184	122	122	1951
1952	66.1	71.8	71.1	148	171	98.4	52.5	41.1	46.8	49.6	47.3	54.3	76.4	1952
1953	59.6	62.7	96.0	240	192	78.0	61.4	47.2	37.8	31.0	37.8	40.3	82.2	1953
1954	44.7	65.4	103	168	199	180	87.4	52.5	55.5	168	148	93.1	114	1954
1955	75.3	73.8	58.8	137	103	53.1	36.6	35.1	35.3	47.4	90.8	73.2	68.1	1955
1956	73.9	70.9	54.9	85.9	240	137	81.5	61.7	68.3	87.8	60.1	62.1	88.9	1956
1957	63.9	70.8	67.1	129	136	61.6	251	49.2	65.2	54.7	83.0	77.5	92.6	1957
1958	71.2	69.8	61.6	89.0	71.0	65.7	53.3	37.2	40.6	61.7	69.7	68.0	61.5	1958
1959	61.4	58.6	46.0	74.1	180	63.4	42.5	32.6	37.2	64.1	81.1	72.4	67.9	1959
1960	66.5	70.3	58.5	124	567	176	128	54.4	69.5	49.4	63.4	65.8	125	1960
1961	54.0	62.8	59.2	87.1	153	119	87.7	48.6	103	72.6	69.9	73.3	80.8	1961
1962	68.2	67.7	72.5	90.1	278	62.6	39.0	38.5	42.0	51.7	39.6	34.4	74.2	1962
1963	33.6	35.8	36.5	113	150	89.4	53.4	45.4	46.7	44.9	44.5	46.5	61.7	1963
1964	49.0	60.6	69.4	154	210	158	74.3	33.2	34.5	53.9	55.4	50.6	83.5	1964
1965	52.9	59.0	53.8	55.6	190	57.9	37.2	42.9	81.9	129	79.9	75.3	76.5	1965
1966	68.2	69.6	73.4	144	159	144	47.6	51.1	42.9	80.6	128	181	99.3	1966
1967	76.4	73.4	85.5	219	348	199	63.7	48.9	48.0	46.3	68.2	62.0	112	1967
1968	59.4	55.3	59.8	150	81.6	105	65.6	41.0	46.9	44.4	41.0	42.8	69.9	1968
1969	48.8	59.0	62.7	122	163	80.0	63.9	75.7	45.1	50.5	114	90.8	81.4	1969
1970	66.9	74.7	60.8	72.4	210	157	115	57.4	38.6	46.9	36.0	49.2	82.2	1970
1971	52.0	60.3	68.0	118	194	85.9	---	---	---	---	---	---	---	1971
MEAN	54.6	56.4	61.7	123	196	116	70.7	47.8	50.7	63.3	70.9	64.5	81.3	MEAN

LOCATION - LAT 47 13 17 N LONG 079 35 25 W

DRAINAGE AREA, 6 480 km² REGULATED

DATA CONTRIBUTED BY - ONTARIO HYDRO

MONTREAL RIVER AT UPPER NOTCH GENERATING STATION - STATION NO. 02JD008

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1931	---	238 ON MAY 07	19.8 ON AUG 21	2 270 000	1931
1932	---	257 ON APR 25	28.9 ON JUL 05	4 690 000	1932
1933	---	351 ON APR 24	26.5 ON SEP 06	4 170 000	1933
1934	---	552 ON MAY 09	21.2 ON MAR 28	2 400 000	1934
1935	---	236 ON MAY 04	32.8 ON OCT 30	1 920 000	1935
1936	---	547 ON MAY 09	31.4 ON JUL 30	2 520 000	1936
1937	---	267 ON MAY 04	34.3 ON JUN 27	2 340 000	1937
1938	---	408 ON MAY 02	34.0 ON OCT 23	2 700 000	1938
1939	---	399 ON MAY 12	35.4 ON JAN 01	2 420 000	1939
1940	---	259 ON MAY 29	33.7 ON NOV 03	2 250 000	1940
1941	---	433 ON APR 22	39.6 ON FEB 02	3 560 000	1941
1942	---	275 ON APR 27	34.5 ON JUL 25	2 210 000	1942
1943	---	231 ON MAY 08	32.3 ON FEB 27	1 980 000	1943
1944	---	232 ON MAY 05	36.5 ON JUL 14	1 810 000	1944
1945	---	---	---	---	1945
1946	---	580 ON JUN 01	27.2 ON SEP 08	2 180 000	1946
1947	---	200 ON MAY 31	24.9 ON DEC 31	3 660 000	1947
1948	---	549 ON JUN 18	20.8 ON FEB 01	1 760 000	1948
1949	---	183 ON APR 28	23.6 ON NOV 27	2 730 000	1949
1950	---	328 ON MAY 15	19.0 ON AUG 10	2 100 000	1950
1951	---	413 ON APR 18	36.0 ON JAN 11	3 850 000	1951
1952	---	320 ON APR 25	23.6 ON OCT 28	2 420 000	1952
1953	---	274 ON APR 18	21.5 ON DEC 13	2 590 000	1953
1954	---	317 ON OCT 20	29.4 ON AUG 29	3 590 000	1954
1955	---	243 ON APR 22	24.1 ON JUL 31	2 150 000	1955
1956	---	348 ON MAY 18	30.0 ON SEP 02	2 810 000	1956
1957	---	493 ON JUL 05	27.1 ON JUN 23	2 920 000	1957
1958	---	126 ON APR 21	29.7 ON SEP 01	1 940 000	1958
1959	---	267 ON MAY 10	14.9 ON AUG 04	2 140 000	1959
1960	---	878 ON MAY 14 *	26.4 ON NOV 02	3 950 000	1960
1961	---	202 ON JUN 09	18.7 ON AUG 01	2 550 000	1961
1962	---	470 ON MAY 07	0 ON JUL 01 *	2 340 000	1962
1963	---	225 ON MAY 05	26.4 ON AUG 04	1 940 000	1963
1964	---	371 ON MAY 02	17.7 ON SEP 20	2 640 000	1964
1965	---	240 ON MAY 08	0 ON JUL 22	2 410 000	1965
1966	---	306 ON APR 25	30.0 ON JUL 28	3 130 000	1966
1967	---	549 ON MAY 06	30.6 ON AUG 19	3 520 000	1967
1968	---	202 ON APR 19	9.66 ON AUG 23	2 080 000	1968
1969	---	236 ON APR 28	37.1 ON JUL 26	2 570 000	1969
1970	---	283 ON MAY 03	32.6 ON APR 04	2 590 000	1970
1971	---	---	---	---	1971
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		2 560 000	MEAN

MONTREAL RIVER NEAR ELK LAKE - STATION NO. 02JD002

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1921	---	---	---	---	---	---	18.6	15.2	10.4	37.1	31.3	32.6	---	1921
1922	20.5	17.9	17.6	170	200	52.2	42.5	27.7	16.7	20.6	35.8	36.6	55.0	1922
1923	16.9	13.6	12.6	35.5	107	54.3	---	---	---	---	---	---	---	1923
MEAN	18.7	15.8	15.1	103	154	53.2	30.5	21.5	13.6	28.9	33.5	34.6	55.0	MEAN

LOCATION - LAT 47 43 00 N, LONG 080 19 00 W DRAINAGE AREA, 3 650 km^2 REGULATED

MONTREAL RIVER NEAR ELK LAKE - STATION NO. 02JD002

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1921	---	---	---	---	1921
1922	---	---	---	---	1922
1923	---	348 ON APR 19 *	12.3 ON SEP 30 *	1 740 000	1923
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		1 740 000	MEAN

MONTREAL RIVER NEAR MONTREAL RIVER HARBOUR - STATION NO. 02BB002

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1935	---	---	---	---	---	---	---	---	---	41.2	30.0	19.5	---	1935
1936	10.1	7.82	8.24	31.6	221	56.0	21.9	7.60	0.97	11.8	17.9	10.3	34.7	1936
1937	11.0	4.32	8.87	57.2	114	23.6	13.1	24.1	15.0	30.7	36.8	19.6	30.0	1937
1938	11.6	14.4	21.3	141	101	50.9	13.8	10.5	2.56	6.27	16.9	14.7	34.0	1938
1939	17.0	12.5	12.8	40.6	202	77.7	26.4	20.2	32.2	42.3	23.2	13.6	43.6	1939
1940	11.6	11.8	11.0	18.7	90.0	68.4	32.8	12.2	11.8	12.2	13.1	39.5	27.9	1940
1941	15.9	13.4	13.3	76.7	87.6	44.3	27.1	18.7	69.0	110	79.0	49.5	50.5	1941
1942	28.1	22.4	22.6	119	109	31.6	21.4	19.6	30.2	64.0	89.3	31.6	48.9	1942
1943	25.0	26.4	25.5	39.2	128	146	36.1	21.6	19.7	18.6	25.0	18.4	43.5	1943
1944	18.8	19.7	14.6	57.5	98.2	36.7	19.0	19.1	21.1	33.9	38.1	24.3	33.4	1944
1945	18.2	18.3	54.7	125	66.0	55.6	39.2	25.8	26.8	25.3	91.8	28.4	47.9	1945
1946	31.5	28.0	53.2	60.8	62.5	38.0	29.9	33.3	31.1	36.0	71.9	48.4	43.7	1946
1947	24.5	23.9	22.7	42.0	172	146	49.1	22.0	20.8	19.4	12.1	13.4	47.4	1947
1948	14.2	9.59	12.9	135	73.0	27.6	15.8	14.1	13.7	15.9	38.7	40.8	34.2	1948
1949	28.1	28.1	24.3	85.5	127	30.4	24.4	20.4	19.6	20.1	35.6	24.2	39.0	1949
1950	25.2	30.1	27.6	30.0	217	75.3	43.3	28.8	25.1	18.1	20.4	26.7	47.5	1950
1951	28.9	24.5	26.1	101	88.5	31.5	31.5	23.6	20.9	53.1	66.1	38.5	45.4	1951
1952	28.1	28.7	28.3	53.7	62.2	66.7	64.8	47.5	27.5	28.5	31.5	36.8	42.0	1952
1953	29.3	20.6	34.2	64.3	174	102	64.8	30.0	31.9	33.9	30.1	31.4	54.6	1953
1954	23.5	26.9	40.0	94.9	125	66.0	31.6	26.2	18.4	18.3	30.4	22.4	43.9	1954
1955	19.0	19.8	25.9	49.3	54.1	28.5	22.2	19.9	16.9	13.3	17.7	20.8	25.6	1955
1956	19.3	22.3	23.6	31.0	48.5	39.2	27.2	27.9	17.7	19.0	21.4	22.0	32.5	1956
1957	23.8	24.1	28.8	33.6	30.7	32.6	51.8	25.6	33.6	34.7	30.3	34.5	32.1	1957
1958	36.6	32.4	35.3	29.0	34.0	35.8	30.6	32.7	30.6	26.6	31.9	44.6	33.7	1958
1959	33.4	27.8	33.2	30.5	111	32.9	26.1	25.2	33.3	79.0	55.9	29.7	43.3	1959
1960	32.3	31.1	31.5	87.8	199	44.3	27.8	26.8	33.6	38.8	40.5	33.7	52.4	1960
1961	44.2	46.8	32.3	24.8	82.9	56.0	38.9	26.1	77.7	59.4	60.4	40.4	49.1	1961
1962	41.1	39.2	42.8	41.7	79.2	43.4	33.1	32.5	33.6	26.9	22.7	26.7	38.6	1962
1963	32.2	37.5	28.9	35.1	33.8	29.3	21.2	20.6	22.5	34.1	33.9	31.3	30.0	1963
1964	36.9	41.3	36.5	36.6	43.8	41.1	34.4	32.3	36.5	57.8	52.0	46.6	41.3	1964
1965	51.0	60.9	72.9	56.8	49.3	48.2	31.9	34.6	56.1	74.0	72.8	55.7	55.2	1965
1966	56.0	55.9	53.5	50.4	86.2	69.8	36.0	38.6	41.8	47.7	52.3	52.4	53.5	1966
1967	58.9	79.1	64.5	48.9	83.5	60.0	40.2	38.2	45.6	46.4	33.7	24.8	51.8	1967
1968	23.6	22.9	20.4	38.0	45.9	72.0	36.2	32.3	41.5	59.8	45.3	46.8	40.4	1968
1969	51.6	56.5	52.6	48.0	47.0	33.3	33.0	36.2	34.7	21.4	38.1	40.0	40.9	1969
1970	43.2	40.4	28.2	32.5	40.4	34.6	53.7	47.6	38.2	40.2	38.4	34.6	39.4	1970
1971	38.6	37.5	49.0	49.8	89.0	56.8	46.6	42.6	39.1	38.3	37.6	43.6	47.5	1971
1972	37.0	43.1	38.9	43.0	69.7	63.1	42.0	50.7	60.5	62.0	46.2	34.0	49.2	1972
1973	36.5	48.0	54.6	59.3	88.1	47.4	46.7	47.3	44.3	39.6	42.0	39.2	49.4	1973
1974	26.5	35.4	23.5	28.9	60.6	70.7	44.5	43.7	32.8	35.4	32.9	28.6	38.6	1974
1975	41.2	51.0	50.5	35.4	57.7	69.8	40.4	21.5	32.2	28.5	18.3	21.4	38.9	1975
1976	33.3	36.0	37.9	53.4	66.9	35.0	31.7	34.1	22.4	18.4	23.6	29.2	35.2	1976
1977	14.1	13.9	23.3	37.8	39.8	40.6	32.6	31.6	31.6	38.8	62.0	48.9	34.7	1977
1978	46.6	41.6	48.8	43.2	38.3	48.5	23.4	37.4	40.5	51.0	38.5	33.2	40.9	1978
1979	39.6	40.0	30.3	47.5	163	84.6	41.6	37.9	34.4	52.8	28.2	25.6	52.9	1979
1980	38.2	49.8	41.1	44.8	38.0	52.8	42.1	39.4	41.9	54.5	41.6	48.6	44.4	1980
1981	35.3	31.0	29.4	46.1	59.0	57.0	48.4	47.5	39.5	23.8	11.7	10.6	36.7	1981
1982	21.7	24.5	42.0	34.5	50.7	43.3	38.4	37.3	25.7	12.9	34.5	45.4	34.3	1982
1983	49.8	55.1	46.6	44.2	75.8	106	41.7	38.6	37.7	44.4	42.8	49.6	52.6	1983
1984	50.4	45.7	51.4	36.2	57.1	40.9	34.3	39.3	39.8	30.0	38.2	35.8	41.6	1984
1985	52.6	59.8	43.8	45.3	83.2	60.2	40.0	45.1	41.8	46.0	40.9	41.7	50.0	1985
1986	43.2	[illegible]	31.9	41.5	40.6	41.7	38.6	47.7	51.9	60.8	58.9	51.1	45.8	1986
1987	33.4	48.0	41.3	40.5	38.3	24.0	18.7	23.1	24.6	18.8	27.2	21.5	30.0	1987
1988	28.3	22.5	18.9	31.1	42.9	48.5	35.6	32.4	37.7	35.9	55.5	72.6	38.5	1988
1989	68.6	60.0	47.3	61.2	68.7	45.1	38.9	42.3	36.3	32.7	24.1	31.0	46.3	1989
1990	21.6	25.0	31.2	39.1	52.9	67.2	51.6	27.4	23.2	39.5	55.4	41.4	39.7	1990
MEAN	32.1	33.5	33.7	52.9	84.8	54.2	36.3	30.7	32.4	37.4	39.5	33.7	41.8	MEAN

LOCATION - LAT 47 12 50 N
LONG 084 37 10 W

DRAINAGE AREA 2 880 km²
REGULATED SINCE 1935

MONTREAL RIVER NEAR MONTREAL RIVER HARBOUR - STATION NO. 02BE002

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1935	---	---	---	---	1935
1936	---	340 ON MAY 11	6.26 ON AUG 21	1 100 000	1936
1937	---	282 ON MAY 03	0 ON JAN 26 *	946 000	1937
1938	---	249 ON MAY 02	0.566 ON SEP 25	1 070 000	1938
1939	---	374 ON MAY 09	6.14 ON AUG 20	1 370 000	1939
1940	---	117 ON MAY 03	5.01 ON MAR 03	881 000	1940
1941	---	187 ON APR 22	9.51 ON APR 06	1 590 000	1941
1942	---	210 ON APR 26	5.13 ON DEC 25	1 540 000	1942
1943	---	292 ON JUN 04	11.7 ON DEC 26	1 370 000	1943
1944	---	230 ON MAY 05	8.81 ON MAR 05	1 060 000	1944
1945	---	226 ON NOV 09	9.66 ON JAN 01	1 510 000	1945
1946	---	169 ON MAY 27	12.2 ON AUG 04	1 380 000	1946
1947	---	328 ON JUN 17	3.91 ON NOV 09	1 500 000	1947
1948	---	354 ON APR 29	3.31 ON FEB 22	1 090 000	1948
1949	---	262 ON MAY 06	7.62 ON OCT 23	1 230 000	1949
1950	---	413 ON MAY 16	11.3 ON OCT 08	1 500 000	1950
1951	---	257 ON MAY 01	4.90 ON DEC 25	1 430 000	1951
1952	---	206 ON APR 24	6.91 ON DEC 25	1 330 000	1952
1953	---	408 ON MAY 11	10.9 ON SEP 07	1 720 000	1953
1954	---	320 ON MAY 03	5.44 ON DEC 25	1 380 000	1954
1955	---	178 ON APR 24	3.00 ON OCT 09	809 000	1955
1956	---	137 ON JUL 14	3.00 ON MAY 13	1 030 000	1956
1957	---	118 ON JUL 07	10.8 ON AUG 11	1 010 000	1957
1958	---	59.2 ON DEC 05	9.77 ON JUL 06	1 060 000	1958
1959	---	314 ON MAY 09	5.44 ON APR 26	1 370 000	1959
1960	---	428 ON MAY 11 *	6.91 ON AUG 01	1 660 000	1960
1961	---	217 ON MAY 17	8.44 ON APR 23	1 350 000	1961
1962	---	170 ON MAY 07	9.46 ON NOV 04	1 220 000	1962
1963	---	70.8 ON FEB 21	6.23 ON DEC 01	945 000	1963
1964	---	92.9 ON OCT 13	7.96 ON JUL 26	1 310 000	1964
1965	---	114 ON SEP 28	17.3 ON JUL 04	1 740 000	1965
1966	---	141 ON JUN 08	18.5 ON OCT 16	1 690 000	1966
1967	---	198 ON MAY 03	10.5 ON DEC 31	1 630 000	1967
1968	---	153 ON JUN 14	11.3 ON JAN 07	1 280 000	1968
1969	---	79.9 ON APR 17	11.8 ON OCT 11	1 290 000	1969
1970	---	84.4 ON JUL 08	11.9 ON MAR 29	1 240 000	1970
1971	---	254 ON MAY 25	6.09 ON DEC 24	1 500 000	1971
1972	---	176 ON MAY 31	13.6 ON DEC 25	1 560 000	1972
1973	---	157 ON MAY 06	11.5 ON OCT 07	1 560 000	1973
1974	---	92.0 ON JUN 11	10.2 ON SEP 02	1 220 000	1974
1975	---	89.5 ON JUN 05	1.05 ON APR 14	1 230 000	1975
1976	---	142 ON MAY 01	2.44 ON DEC 25	1 110 000	1976
1977	---	84.1 ON NOV 17	0 ON JAN 02	1 090 000	1977
1978	---	74.2 ON JUN 12	2.24 ON JUL 22	1 290 000	1978
1979	---	414 ON MAY 11	11.6 ON SEP 01	1 670 000	1979
1980	---	68.0 ON OCT 29	12.5 ON AUG 03	1 400 000	1980
1981	---	75.3 ON MAY 09	3.60 ON DEC 07	1 160 000	1981
1982	---	77.1 ON DEC 31	0 ON SEP 03	1 080 000	1982
1983	---	314 ON JUN 02	15.0 ON NOV 13	1 660 000	1983
1984	---	85.5 ON JAN 20	15.7 ON AUG 19	1 320 000	1984
1985	---	155 ON MAY 20	10.5 ON NOV 03	1 580 000	1985
1986	---	126 ON OCT 19	12.0 ON MAR 02	1 440 000	1986
1987	---	75.9 ON APR 01	0 ON JUL 28	945 000	1987
1988	---	207 ON NOV 28	0 ON FEB 29	1 220 000	1988
1989	---	93.3 ON APR 27	0 ON AUG 26	1 460 000	1989
1990	---	83.7 ON JUN 19	0 ON JAN 01	1 250 000	1990
				1 320 000	MEAN

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

MOON RIVER AT HIGHWAY NO. 69 - STATION NO. 02EB011

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1965	---	---	---	---	---	---	---	---	36.7	87.5	7.03	93.3	---	1965
1966	40.9	1.63	16.7	13.9	5.96	1.35	0.470	0.983	1.11	0.891	40.7	150	23.1	1966
1967	5.02	5.00	9.74	104	4.13	27.6	1.01	1.16	1.53	23.8	127	28.8	28.0	1967
1968	6.04	23.7	19.3	40.3	5.05	2.82	0.640	0.853	0.836	0.949	2.33	8.44	8.44	1968
1969	1.37	1.40	18.2	63.4	46.6	15.4	1.96	0.803	0.948	0.613	31.8	3.96	15.5	1969
1970	2.29	2.27	2.55	52.3	23.7	5.65	38.8	1.48	0.461	1.03	1.90	1.85	11.2	1970
1971	1.24	1.21	37.0	91.7	43.6	16.9	0.691	0.904	1.86	5.52	0.536	4.19	17.0	1971
1972	1.59	1.33	3.22	81.7	77.2	19.7	0.667	0.990	0.818	5.00	26.1	4.19	18.1	1972
1973	6.12	37.0	112	81.8	16.0	17.3	3.40	3.65	3.80	2.93	4.16	8.01	24.5	1973
1974	3.93	11.2	57.6	98.2	81.7	15.5	4.37	4.28	2.43	14.6	19.7	6.39	25.7	1974
1975	2.90	2.34	49.5	55.9	59.3	7.33	0.788	1.23	1.19	0.853	1.39	31.9	17.6	1975
1976	2.07	2.33	73.6	147	18.4	4.20	4.54	4.29	4.21	3.47	4.13	4.56	22.8	1976
1977	4.07	4.23	59.4	63.5	2.95	0.950	1.27	1.73	1.86	31.1	30.5	13.9	18.0	1977
1978	2.92	2.10	2.32	30.6	24.2	6.57	1.26	1.15	1.34	1.34	2.21	2.36	7.38	1978
1979	2.37	1.69	69.9	145	55.6	4.02	4.29	0.935	1.10	3.11	21.0	54.2	30.3	1979
1980	15.4	2.39	3.79	161	42.5	28.5	13.9	9.64	22.0	32.2	33.4	6.50	30.9	1980
1981	5.27	25.9	87.0	40.6	18.3	6.24	3.14	0.964	100	17.4	5.33	4.95	26.3	1981
1982	4.28	3.79	11.3	103	48.6	9.56	1.40	0.766	0.943	0.975	34.3	108	27.2	1982
1983	61.7	15.1	36.4	21.6	109	23.2	0.646	0.837	1.14	1.43	1.90	2.46	23.1	1983
1984	1.79	31.1	60.0	71.1	38.5	34.8	1.24	1.18	1.60	1.23	5.61	9.30	23.0	1984
1985	72.9	9.05	81.3	159	82.3	6.37	2.11	1.27	31.5	25.3 R	19.8 R	5.94R	41.5 R	1985
1986	5.08	4.67	21.7	99.6	19.2	3.68	0.776	0.907	1.57	46.5	2.23	2.17	17.3	1986
1987	1.74	1.49	11.3	38.1	17.0	5.05	0.419	0.875	0.809	0.895	1.89	29.4	9.12	1987
1988	4.49	23.8	26.1	100	22.3	5.04	0.809	1.46	1.56	2.95	37.8	3.18	18.9	1988
1989	3.59	2.89	27.7	108	25.7	27.5	2.37	1.12	0.435	0.527	2.09	1.58	16.8	1989
1990	4.59	23.6	62.2	76.3	23.6	6.33	0.509	0.955	1.14	4.75	9.90	60.8	22.9	1990
MEAN	10.5	10.5	38.5	82.0	36.9	11.8	3.74	1.77	8.57	12.2 R	18.2 R	24.7 R	21.0 R	MEAN

LOCATION - LAT 45 03 48 N
LONG 079 47 12 W
REGULATED

R - REVISED SINCE JAN 01 1989

MOON RIVER AT HIGHWAY NO. 69 - STATION NO. 02EB011

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1965	---	---	---	---	1965
1966	247 AT 21:00 EST ON DEC 10	244 ON DEC 11	0.303 ON JUN 21	730 000	1966
1967	199 AT 12:45 EST ON NOV 07	190 ON NOV 07	0.578 ON JUL 21	885 000	1967
1968	120 AT 13:00 EST ON APR 08	118 ON APR 08	0.498 ON JUL 08	267 000	1968
1969	160 AT 13:16 EST ON MAY 24	152 ON MAY 24	0.354 ON OCT 13	490 000	1969
1970	145 AT 13:54 EST ON APR 27	143 ON APR 27	0.377 ON SEP 21	354 000	1970
1971	198 AT 01:04 EST ON APR 29	197 ON APR 28	0.464 ON JUN 20	535 000	1971
1972	156 AT 06:53 EST ON APR 27	154 ON APR 26	0.411 ON JUL 06	579 000	1972
1973	213 AT 17:22 EST ON APR 09	197 ON APR 09	2.06 ON JAN 18	773 000	1973
1974	183 AT 09:44 EST ON APR 23	176 ON APR 22	0.804 ON SEP 24	842 000	1974
1975	161 AT 02:34 EST ON MAY 06	160 ON MAY 05	0.405 ON JUN 14	557 000	1975
1976	252 AT 11:55 EST ON APR 11	250 ON APR 11	1.81 ON FEB 04	722 000	1976
1977	158 AT 19:04 EST ON APR 05	156 ON APR 06	0.784 ON MAY 21	567 000	1977
1978	113 AT 09:22 EST ON MAY 02	113 ON MAY 01	0.481 ON JUL 14	213 000	1978
1979	226 AT 20:18 EST ON APR 06	224 ON APR 07	0.718 ON AUG 02	957 000	1979
1980	254 AT 17:09 EST ON APR 20 *	253 ON APR 20 *	1.70 B ON MAR 07	978 000	1980
1981	189 AT 10:21 EST ON SEP 09	188 ON SEP 09	0.757 ON AUG 02	830 000	1981
1982	211 AT 09:40 EST ON APR 30	209 ON APR 29	0.444 ON JUN 08	860 000	1982
1983	208 AT 07:06 EST ON MAY 12	207 ON MAY 11	0.588 ON JUL 17	730 000	1983
1984	184 AT 05:34 EST ON MAY 30	182 ON MAY 30	0.669A ON OCT 17	726 000	1984
1985	249 AT 15:19 EST ON APR 30	246 ON APR 30	0.789 ON JUL 13	1 310 000	1985
1986	200 AT 22:23 EST ON APR 09	199 ON APR 10	0.420 ON JUN 21	547 000	1986
1987	107 AT 13:19 EST ON APR 07	102 ON APR 06	0.181 ON JUN 28 *	287 000	1987
1988	241 AT 14:58 EST ON APR 11	207 ON APR 11	0.511 ON JUN 24	598 000	1988
1989	138 AT 18:47 EST ON APR 12	137 ON APR 11	0.366A ON AUG 29	531 000	1989
1990	139 AT 02:06 EST ON DEC 04	135 ON DEC 09	0.347 ON JUN 28	721 000	1990
				664 000	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX)
B - ICE CONDITIONS
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

MOON RIVER AT ISLAND FALLS - STATION NO. 02EB009

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1923	---	---	---	---	---	---	---	---	---	---	---	64.2	---	1923
1924	51.5	47.9	73.5	116	117	59.8	30.5	14.2	9.76	12.4	7.64	43.6	48.7	1924
1925	23.8	48.3	74.4	143	48.2	39.2	19.0	19.4	10.4	8.73	55.1	53.2	45.0	1925
1926	33.1	31.7	52.4	76.1	151	80.1	44.5	32.5	25.3	---	---	---	---	1926
1937	---	---	---	---	---	---	18.3	23.3	23.4	37.1	111	82.5	---	1937
1938	42.0	46.1	138	247	58.3	30.1	15.7	14.5	27.8	28.3	18.5	11.4	56.3	1938
1939	0.384	4.98	51.7	113	186	2.49	0.380	0.368	0.398	0.163	0	0	30.2	1939
1940	0	0	0	21.8	71.4	26.5	0.351	0.304	4.52	0.142	14.2	10.1	12.5	1940
1941	7.23	0	0	85.6	23.8	0.396	0.360	0.466	0.365	0.088	38.1	14.7	14.2	1941
1942	19.4	0	36.1	128	74.0	22.0	0.377	0.397	0.398	1.22	27.0	6.95	26.3	1942
1943	0.217	0.094	21.1	82.9	205	14.6	0.734	0.809	0.773	0.219	0	0	27.5	1943
1944	0	0	0	14.5	28.8	1.74	0.468	0.323	0.229	0.123	0.039	0	3.87	1944
1945	0	0.010	65.8	71.9	33.5	19.0	0.649	0.303	0.251	0.110	0	0	16.0	1945
1946	7.67	26.7	89.4	38.0	8.61	1.59	0.465	0.434	0.400	0.118	0	0	14.4	1946
1947	0	0.736	36.7	152	179	59.6	0.448	0.439	0.465	0.157	0	0	35.9	1947
1948	0.037	0	49.4	168	28.5	7.72	0.442	0.426	0.472	0.138	6.68	3.39	22.0	1948
1949	2.52	21.7	29.7	202	53.2	0.572	0.479	0.469	0.392	0.278	0	9.85	26.5	1949
1950	90.0	45.0	1.69	50.5	17.8	0.375	0.398	0.353	0.318	0.110	0	8.97	17.8	1950
1951	2.98	0	24.9	230	113	0.360	0.418	0.410	0.366	0.107	53.6	45.8	39.3	1951
1952	20.6	2.06	0.472	122	32.3	2.98	0.518	0.456	0.444	0.142	0	13.6	16.2	1952
1953	0.325	0	47.3	77.3	10.7	0.288	0.379	0.583	0.558	0.403	0.471	0.279	11.6	1953
1954	0	0	49.7	87.2	28.8	8.34	0.543	0.437	0.354	93.0	37.4	4.60	26.0	1954
1955	0.858	0.829	0.834	109	16.7	0.953	0.953	1.29	1.35	0.934	17.7	0.708	12.5	1955
1956	0.708	0.708	2.56	12.2	80.9	26.5	1.14	1.26	3.81	1.05	0.745	0.859	11.7	1956
1957	0.510	0.724	12.0	26.3	0.618	8.18	98.9	0.576	13.5	4.47	54.2	63.7	23.8	1957
1958	46.1	5.77	1.76	4.26	0.972	0.274	0.281	0.554	0.694	9.91	2.29	0.464	6.16	1958
1959	0.453	6.91	8.46	110	91.5	4.94	0.602	0.628	0.768	0.564	40.1	22.6	23.9	1959
1960	0.785	0.784	2.91	175	118	8.31	28.1	1.58	9.86	8.74	3.39	0.573	29.8	1960
1961	0.639	0.609	3.06	47.6	23.8	0.538	0.631	0.693	0.875	0.889	0.708	0.694	6.72	1961
1962	0.595	0.595	0.617	36.0	14.4	0.630	0.453	0.607	1.03	1.05	0.840	0.708	4.77	1962
1963	0.708	0.708	5.20	72.5	65.9	4.60	0.456	0.701	1.33	1.22	0.902	0	12.9	1963
1964	0	0	5.49	0.538	5.22	0.762	0.739	0.260	0.165	0	0	4.58	1.50	1964
1965	8.59	6.34	0.708	67.2	75.6	0.422	0.299	0.596	9.43	76.7	8.16	79.9	28.1	1965
1966	28.5	1.60	22.1	9.32	3.71	0.781	0.283	0.587	0.949	---	---	---	---	1966
MEAN	12.2	9.40	28.4	90.7	61.4	13.6	8.13	3.64	4.58	9.31	16.1	17.1	21.7	MEAN

LOCATION - LAT 45 01 46 N
LONG 079 41 50 W REGULATED

DATA CONTRIBUTED BY - ONTARIO HYDRO

MOON RIVER AT ISLAND FALLS - STATION NO. 02EB009

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1923	---	---	---	---	1923
1924	---	145 ON MAY 13	6.34 ON NOV 04	1 540 000	1924
1925	---	165 ON APR 12	5.04 ON JUL 25	1 420 000	1925
1926	---	---	---	---	1926
1937	---	---	---	---	1937
1938	---	326 ON APR 04 *	0 E ON NOV 14 *	1 770 000	1938
1939	---	255 ON MAY 07	0 ON JAN 20	952 000	1939
1940	---	141 ON JUN 02	0 ON JAN 01	394 000	1940
1941	---	246 ON APR 27	0 ON JAN 11	447 000	1941
1942	---	196 ON APR 12	0 ON JAN 23	831 000	1942
1943	---	246 ON MAY 14	0 ON JAN 02	867 000	1943
1944	---	74.8 ON APR 28	0 ON JAN 01	122 000	1944
1945	---	211 ON APR 07	0 ON JAN 01	505 000	1945
1946	---	179 ON MAR 31	0 ON JAN 01	454 000	1946
1947	---	259 ON MAY 04	0 ON JAN 01	1 130 000	1947
1948	---	209 ON APR 14	0 ON JAN 01	695 000	1948
1949	---	277 ON APR 17	0 ON JAN 01	836 000	1949
1950	---	111 ON JAN 09	0 ON AUG 12	561 000	1950
1951	---	281 ON APR 23	0 ON JAN 01	1 240 000	1951
1952	---	190 ON APR 25	0 ON JUN 13	513 000	1952
1953	---	173 ON APR 02	0 ON JAN 04	364 000	1953
1954	---	192 ON OCT 21	0 ON JAN 01	820 000	1954
1955	---	195 ON APR 26	0 ON MAY 11	395 000	1955
1956	---	176 ON MAY 17	0 ON JUN 26	369 000	1956
1957	---	234 ON JUL 07	0 ON APR 23	751 000	1957
1958	---	157 ON JAN 01	0 ON APR 21	194 000	1958
1959	---	222 ON MAY 04	0 ON JUN 29	754 000	1959
1960	---	253 ON APR 26	0 ON JUN 11	942 000	1960
1961	---	151 ON MAY 01	0.538 ON MAY 27	212 000	1961
1962	---	79.6 ON APR 11	0.453 ON JUN 29	151 000	1962
1963	---	148 ON APR 10	0 ON APR 25	406 000	1963
1964	---	34.5 ON DEC 31	0 ON JAN 01	47 400	1964
1965	---	138 ON MAY 03	0 ON NOV 06	885 000	1965
1966	---	---	---	---	1966
	E - ESTIMATED	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		686 000	MEAN

MOOREFIELD CREEK NEAR ROTHSAY - STATION NO. 02GA042

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1989	---	---	---	---	---	---	---	---	---	---	1.10	0.228	---	1989
1990	1.42	1.40	---	---	---	---	---	---	---	---	3.17	2.59	---	1990
MEAN	1.42	1.40	---	---	---	---	---	---	---	---	2.14	1.41	---	MEAN

LOCATION - LAT 43 49 00 N LONG 080 43 01 W DRAINAGE AREA, 58.9 km² NATURAL FLOW

REMARKS - STATION ACTIVATED OCTOBER 30 1989. MOOREFIELD CREEK ALSO REFERRED TO AS MALLET RIVER

MOOREFIELD CREEK NEAR ROTHSAY - STATION NO. 02GA042

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1989	---	---	---	---	1989
1990	---	---	---	---	1990
				---	MEAN

MOOSE CREEK AT LEVACK - STATION NO. 02CF013

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1981	---	---	---	2.31	0.350	0.526	0.148	0.096	0.266	0.454	0.287	0.200	---	1981
1982	0.131	0.190	0.204	1.97	1.13	0.224	0.040	0.024	0.219	0.619	0.877	0.759	0.532	1982
1983	0.492	0.235	0.477	1.70	1.49	0.934	0.050	0.033	0.117	0.504	0.368	0.435	0.570	1983
1984	0.273	0.304	0.210	1.21	0.364	0.168	0.322	0.462	0.368	0.469	0.707	0.698	0.462	1984
1985	0.410	0.254	0.297	1.77	0.868	0.250	0.643	0.308	0.209	0.355	0.964	0.419	0.562	1985
1986	0.232	0.152	0.327	1.32	0.517	0.601	0.339	0.464	0.254	0.344	0.477	0.205	0.436	1986
1987	0.070	0.105	0.438	0.508	0.354	0.356	0.080	0.022	0.023	0.293	0.282	0.506	0.254	1987
1988	0.375	0.284	0.314	1.76	0.795	0.594	0.023	0.715	0.523	0.874	1.47	0.767	0.706	1988
1989	0.345	0.165	0.397	1.29	0.621	0.982	0.517	0.603	0.359	0.024	0.073	0.051	0.452	1989
1990	0.274	0.298	0.442	1.06	1.06	0.873	0.698	0.518	0.063	0.063	0.429	0.421	0.517	1990
MEAN	0.289	0.221	0.345	1.49	0.755	0.551	0.286	0.325	0.240	0.400	0.593	0.446	0.499	MEAN

LOCATION - LAT 46 38 08 N LONG 081 23 25 W DRAINAGE AREA, 40.6 km² NATURAL FLOW

MOOSE CREEK AT LEVACK - STATION NO. 02CF013

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1981	---	5.97A ON APR 04 *	0 E ON JUL 13 *	---	1981
1982	4.87 AT 15:30 EST ON APR 25	3.97 ON APR 26	0.016 ON AUG 16	16 800	1982
1983	6.01 AT 02:49 EST ON APR 15	5.41 ON APR 15	0.021 ON AUG 25	18 000	1983
1984	6.36 AT 11:52 EST ON JUL 24	1.98 ON JUL 24	0.075 ON JUN 23	14 600	1984
1985	6.97 AT 10:40 EST ON APR 22 *	5.12 ON APR 23	0.045 ON SEP 19	17 700	1985
1986	3.06 AT 17:38 EST ON APR 02	2.27 ON APR 02	0.032B ON DEC 31	13 700	1986
1987	1.26 AT 06:53 EST ON MAR 30	1.19 ON MAR 30	0.012E ON AUG 13	8 010	1987
1988	3.89 AT 02:45 EST ON AUG 14	2.61E ON APR 08	0.011 ON JUL 31	22 300	1988
1989	2.55 AT 18:32 EST ON JUN 17	2.25 ON JUN 18	0.011B ON FEB 14	14 300	1989
1990	3.90 AT 01:38 EST ON MAY 18	2.71 ON MAY 18	0.026B ON MAR 09	16 300	1990
				15 700	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX) B - ICE CONDITIONS E - ESTIMATED * - EXTREME RECORDED FOR THE PERIOD OF RECORD

MOOSE RIVER ABOVE MOOSE RIVER - STATION NO. 04LG004

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1983	253	207	284	526	4 610	2 100	481	193	516	804	439	304	899	1983
1984	283	233	275	1 790	1 700	1 140	1 300	389	184	307	575	456	720	1984
1985	259	201	233	1 400	2 590	810	701	578	241	638	571	370	720	1985
1986	206	179	213	1 570	1 960	444	319	337	444	856	520	317	616	1986
1987	287	249	316	1 070	618	577	543	552	245	568	546	398	499	1987
1988	225	193	280	1 460	2 820	590	304	694	501	577	1 340	693	800	1988
1989	263	249	246	400	3 530	1 290	415	261	187	248	687	317	678	1989
1990	237	177	415	1 470	3 320	1 350	910	376	484	1 130	984	428	945	1990
MEAN	252	211	270	1 210	2 640	1 040	622	423	350	641	708	410	735	MEAN

LOCATION - LAT 50 44 36 N LONG 081 27 30 W DRAINAGE AREA, 60 100 km² REGULATED

REMARKS - REPLACES STATION NO. 04LG002 "MOOSE RIVER AT MOOSE RIVER", EFFECTIVE JAN 01 1983

MOOSE RIVER ABOVE MOOSE RIVER - STATION NO. 04LG004

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1983	---	---	---	---	1983
1984	3 840 AT 18:15 EST ON APR 21	6 650E ON MAY 03	121 B ON DEC 26	28 300 000	1984
		3 800 ON APR 26	94.0E ON SEP 05	22 800 000	
1985	---	---	---	---	1985
1986	---	6 800B ON APR 27	130 B ON DEC 26	22 700 000	1986
1987	2 450 AT 06:15 EST ON APR 21	4 100E ON MAY 01	82.0B ON MAR 06 *	19 400 000	1987
1988	4 860 AT 04:40 EST ON MAY 05	2 380 ON APR 21	150 E ON SEP 29	15 700 000	1988
1989	4 610 AT 12:30 EST ON MAY 08	4 740 ON MAY 05	111 B ON MAR 10	25 300 000	1989
		4 500 ON MAY 08	108 ON SEP 24	21 400 000	
1990	7 170 AT 12:10 EST ON MAY 01 *	7 070 ON APR 30 *	84.9 ON SEP 06	29 800 000	1990
	B - ICE CONDITIONS E - ESTIMATED	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		23 200 000	MEAN

MOOSE RIVER AT MOOSE RIVER - STATION NO. 04LG002

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1959	---	---	---	---	---	---	---	---	---	768	563	246	---	1959
1960	199	228	228	923	5 310	1 050	340	412	242	291	509	301	841	1960
1961	154	157	156	1 270	2 970	1 310	1 210	475	1 680	1 460	839	515	989	1961
1962	285	232	215	376	2 970	1 320	358	709	1 550	450	301	301	758	1962
1963	197	175	182	747	2 040	1 360	460	262	303	272	263	294	547	1963
1964	224	230	230	1 450	3 430	1 720	925	786	575	1 230	834	413	1 010	1964
1965	251	220	250	348	3 340	903	367	406	827	1 410	594	394	782	1965
1966	209	294	323	1 590	3 190	1 430	540	411	416	1 590	993	619	970	1966
1967	377	342	306	2 130	4 160	1 350	503	453	195	332	378	298	905	1967
1968	262	244	234	2 450	1 440	1 130	1 720	806	752	1 120	633	284	922	1968
1969	253	228	210	973	2 980	1 120	647	458	567	855	658	387	782	1969
1970	192	144	157	300	2 320	1 330	796	342	484	499	460	439	626	1970
1971	327	273	197	752	3 070	940	493	342	649	867	700	445	759	1971
1972	312	304	341	435	3 150	1 300	675	368	336	708	395	211	714	1972
1973	170	173	382	1 430	2 370	840	872	663	578	573	548	417	755	1973
1974	312	269	293	360	3 610	1 450	533	367	384	1 040	767	359	817	1974
1975	238	203	238	502	2 270	1 250	402	248	144	242	615	368	562	1975
1976	245	182	230	1 180	2 100	658	349	297	233	245	207	164	588	1976
1977	157	180	313	2 190	1 700	564	605	231	782	276	801	437	720	1977
1978	215	189	209	734	1 520	1 890	1 120	362	405	1 020	429	237	825	1978
1979	181	172	279	1 620	4 820	1 650	541	380	572	1 350	1 040	455	1 090	1979
1980	252	213	218	1 030	2 540	928	360	194	213	709	361	177	601	1980
1981	143	164	271	1 700	2 550	966	371	128	166	275	339	403	608	1981
1982	145	157	178	319	2 940	507	997	312	559	1 470	1 150	522	778	1982
MEAN	234	216	245	1 100	2 990	1 170	660	409	531	809	595	354	780	MEAN

LOCATION - LAT 50 48 50 N LONG 081 17 40 W DRAINAGE AREA, 60 100 km² REGULATED

REMARKS - DRAINAGE AREA REVISED SEP 1982 USING NEW INFORMATION. STATION DISCONTINUED DEC 31 1982. REPLACED BY STATION 04LG004

MOOSE RIVER AT MOOSE RIVER - STATION NO. 04LG002

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1959	---	---	---	---	1959
1960	7 080 ON MAY 18	7 080 ON MAY 17	146 RB ON APR 12	26 600 000	1960
1961	4 930 AT 04:00 EST ON MAY 18	4 900 ON MAY 18	92.3B ON JAN 25	31 200 000	1961
1962	4 790 AT 09:00 EST ON MAY 07	4 700 ON MAY 07	184 RB ON MAR 27	23 900 000	1962
1963	2 940 AT 13:00 EST ON MAY 26	2 920 ON MAY 26	133 RB ON FEB 05	17 300 000	1963
1964	6 630 AT 03:00 EST ON MAY 02	6 540 ON MAY 01	146 B ON MAR 31	31 800 000	1964
1965	4 980 AT 16:00 EST ON MAY 09	4 760 ON MAY 10	106 B ON APR 01	24 600 000	1965
1966	5 470 AT 19:00 EST ON APR 27	5 040 ON APR 27	241 B ON MAR 07	30 600 000	1966
1967	6 000 AT 16:00 EST ON MAY 09	5 890 ON MAY 10	124 B ON SEP 18	28 500 000	1967
1968	5 320 AT 16:00 EST ON APR 19	5 300 ON APR 19	230 B ON MAR 23	29 100 000	1968
1969	4 790 AT 12:00 EST ON MAY 09	4 790 ON MAY 09	202 B ON APR 08	24 700 000	1969
1970	4 670 AT 04:00 EST ON MAY 03	4 640 ON MAY 04	136 RB ON APR 14	19 700 000	1970
1971	3 880 AT 23:00 EST ON APR 28	3 540 ON MAY 17	111 B ON APR 11	23 900 000	1971
1972	4 640 AT 00:01 EST ON MAY 08	4 470 ON MAY 08	183 B ON DEC 31	22 600 000	1972
1973	4 330 AT 09:55 EST ON MAY 13	4 110 ON MAY 13	163 B ON JAN 27	23 900 000	1973
1974	4 790 AT 15:30 EST ON MAY 15	4 640 ON MAY 15	144 ON AUG 19	25 800 000	1974
1975	4 500 AT 18:00 EST ON MAY 03	4 450 ON MAY 03	56.6E ON SEP 03	17 700 000	1975
1976	---	6 710A ON APR 23	85.0B ON DEC 27	18 600 000	1976
1977	6 090 AT 21:04 EST ON APR 23	5 970 ON APR 24	94.9B ON JAN 04	22 700 000	1977
1978	6 430 AT 07:55 EST ON MAY 16	6 400 ON MAY 16	99.1B ON MAR 28	26 000 000	1978
1979	8 330 AT 06:13 EST ON MAY 12 *	8 270 ON MAY 12 *	126 B ON JAN 25	34 500 000	1979
1980	6 010 AT 13:53 EST ON MAY 01	5 960 ON MAY 01	80.0B ON DEC 26	19 000 000	1980
1981	4 870 AT 14:43 EST ON MAY 07	4 800 ON MAY 07	34.0E ON SEP 09 *	19 200 000	1981
1982	6 150 AT 21:50 EST ON MAY 06	6 130 ON MAY 06	83.0B ON JAN 02	24 500 000	1982
	A - MANUAL GAUGE (SEE REFERENCE INDEX) B - ICE CONDITIONS E - ESTIMATED	* - EXTREME RECORDED FOR THE PERIOD OF RECORD R - REVISED SINCE JAN 01 1989		24 600 000	MEAN

MORAY CREEK NEAR PARKHILL - STATION NO. 02FF005

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1955	---	---	0.236	0.079	---	---	---	---	---	---	---	---	---	1955
1956	---	---	---	0.449	---	---	---	---	---	---	---	---	---	1956
1957	---	---	0.181	0.194	---	---	---	---	---	---	---	---	---	1957
1958	---	---	0.409	0.262	---	---	---	---	---	---	---	---	---	1958
1959	---	---	1.44	0.511	---	---	---	---	---	---	---	---	---	1959
1960	---	---	---	0.223	---	---	---	---	---	---	---	---	---	1960
1961	---	---	0.031	0.149	---	---	---	---	---	---	---	---	---	1961
1962	---	---	---	0.042	---	---	---	---	---	---	---	---	---	1962
1963	---	---	---	0.142	---	---	---	---	---	---	---	---	---	1963
1964	---	---	---	0.198	---	---	---	---	---	---	---	---	---	1964
1965	---	---	---	0.556	---	---	---	---	---	---	---	---	---	1965
1966	---	---	0.266	---	---	---	---	---	---	---	---	---	---	1966
MEAN	---	---	0.427	0.239	---	---	---	---	---	---	---	---	---	MEAN

LOCATION - LAT 43 13 00 N LONG 081 44 44 W DRAINAGE AREA, 28.5 km² NATURAL FLOW

MORAY CREEK NEAR PARKHILL - STATION NO. 02FF005

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1955	---	---	---	---	1955
1956	---	---	---	---	1956
1957	---	---	---	---	1957
1958	---	---	---	---	1958
1959	---	---	---	---	1959
1960	---	---	---	---	1960
1961	---	---	---	---	1961
1962	---	---	---	---	1962
1963	---	---	---	---	1963
1964	---	---	---	---	1964
1965	---	---	---	---	1965
1966	---	---	---	---	1966
				---	MEAN

MOUNT PLEASANT CREEK NEAR BURTCH - STATION NO. 02GB011

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1964	---	---	---	---	---	---	---	0.130	0.103	0.104	0.112	0.128	---	1964
1965	0.139	0.415	0.804	0.647	0.177	0.100	0.097	0.108	0.119	0.109	0.116	0.198	0.251	1965
1966	0.169	0.203	0.415	0.240	0.196	0.127	0.074	0.104	0.145	0.118	0.152	0.279	0.186	1966
1967	0.251	0.198	0.345	0.419	0.233	0.161	0.128	0.119	0.125	0.113	0.156	0.221	0.207	1967
1968	0.170	0.638	0.380	0.238	0.204	0.174	0.196	0.108	0.118	0.118	0.199	0.236	0.230	1968
1969	0.926	0.373	0.387	0.641	0.364	0.239	0.119	0.112	0.106	0.121	0.134	0.137	0.305	1969
1970	0.168	0.177	0.333	0.522	0.215	0.159	0.140	0.119	0.204	0.163	0.160	0.239	0.216	1970
1971	0.162	0.414	0.700	0.315	0.145	0.150	0.118	0.107	0.129	0.103	0.100	0.127	0.213	1971
1972	---	---	---	0.674	0.259	0.171	0.146	0.188	0.134	0.146	0.242	0.335	---	1972
1973	0.354	0.294	0.825	0.428	0.310	0.193	0.128	0.117	0.136	0.156	0.299	0.331	0.298	1973
1974	0.542	0.476	0.582	0.443	0.535	0.284	0.175	0.152	0.181	0.163	0.186	0.217	0.327	1974
1975	0.253	0.379	0.634	0.418	0.234	0.201	0.150	0.136	0.173	0.148	0.194	0.246	0.263	1975
1976	0.282	0.665	0.844	0.468	0.498	0.271	0.212	0.197	0.170	---	---	---	---	1976
1977	---	---	---	---	0.210	0.156	0.196	0.155	0.358	---	---	---	---	1977
MEAN	0.311	0.385	0.568	0.455	0.275	0.180	0.145	0.132	0.157	0.131	0.171	0.225	0.250	MEAN

LOCATION - LAT 43 04 04 N LONG 080 15 40 W DRAINAGE AREA, 29 km² NATURAL FLOW

MOUNT PLEASANT CREEK NEAR BURTCH - STATION NO. 02GB011

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1964	---	---	---	---	1964
1965	---	5.95 ON MAR 05	0.065 ON OCT 28	7 920	1965
1966	---	1.03 ON MAR 01	0.042 ON JUL 17 *	5 870	1966
1967	---	4.00 ON APR 06	0.045 ON OCT 26	6 510	1967
1968	---	6.63 ON FEB 02	0.045 ON OCT 17	7 270	1968
1969	---	7.87 ON JAN 30 *	0.091 ON JUL 26	9 610	1969
1970	---	2.21 ON APR 02	0.105 ON AUG 09	6 820	1970
1971	---	3.09 ON MAR 15	0.074 ON AUG 06	6 710	1971
1972	---	---	---	---	1972
1973	2.08E AT 12:42 EST ON MAR 17	1.48E ON MAR 14	0.062 ON JUL 27	9 400	1973
1974	4.70E AT 05:24 EST ON JAN 27	2.45E ON JAN 27	0.116 ON JUL 26	10 300	1974
1975	3.77 AT 19:19 EST ON MAR 19	2.08 ON FEB 24	0.057 ON JUL 30	8 300	1975
1976	8.41 AT 15:48 EST ON MAR 05 *	3.82 ON MAR 05	0.096 ON SEP 25	---	1976
1977	---	---	---	---	1977
	E - ESTIMATED	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		7 870	MEAN

MUSKOKA RIVER AT HIGHWAY NO. 69 - STATION NO. 02EB012

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1965	---	---	---	---	---	---	---	---	50.1	85.4	82.4	83.7	---	1965
1966	83.5	77.9	83.7	72.9	52.5	43.9	12.0	8.33	19.1	47.4	76.3	89.9	53.8	1966
1967	91.3	94.5	81.6	98.2	47.7	68.2	50.9	28.7	56.7	73.0	94.7	96.0	73.2	1967
1968	94.9	97.7	96.2	70.2	21.2	17.0	26.1	29.5	50.7	72.9	94.0	79.2	53.7	1968
1969	70.2	84.4	73.2	101	106	54.8	37.1	15.6	27.5	42.3	85.8	78.5	64.6	1969
1970	68.8	66.1	67.4	83.1	112	29.2	67.5	49.1	37.5	85.3	87.8	86.9	70.2	1970
1971	72.1	80.4	93.3	97.3	88.5	12.8	19.8	16.0	25.1	14.6	31.1	68.4	51.5	1971
1972	80.0	84.0	91.4	95.5	92.8	27.9	57.6	71.8	45.6	52.5	76.8	86.4	71.9	1972
1973	99.2	96.8	98.0	110	104	61.4	44.3	41.4	24.2	44.3	63.6	92.0	75.7	1973
1974	81.4	94.2	92.8	105	121	37.0	21.2	12.2	40.0	82.3	97.6	89.3	72.7	1974
1975	69.3	79.4	95.8	97.9	74.1	10.1	8.50	14.0	41.5	42.1	36.1	96.5	55.3	1975
1976	85.5	90.9	92.8	85.4	69.8	28.1	37.7	13.1	18.3	18.8	30.2	75.2	53.8	1976
1977	48.8	51.7	95.1	97.5	41.9	5.81	18.2	12.1	50.7	92.3	81.1	98.1	57.8	1977
1978	94.7	72.4	68.0	82.0	108	43.8	13.0	15.5	48.1	68.0	58.7	82.4	62.6	1978
1979	82.3	89.6	95.8	94.3	92.9	39.2	10.5	21.1	38.2	72.3	95.7	99.9	69.2	1979
1980	96.0	79.8	84.9	98.6	34.9	39.5	45.9	48.5	50.9	85.0	83.1	85.3	69.3	1980
1981	70.8	93.4	96.9	88.1	57.5	42.3	15.3	6.43	95.7	89.7	57.4	63.9	63.9	1981
1982	64.2	75.9	85.3	95.8	43.4	56.8	22.9	14.4	40.5	62.9	86.5	97.0	61.9	1982
1983	94.4	94.2	93.3	65.6	93.2	35.2	15.5	4.50	19.4	61.3	49.1	96.4	61.8	1983
1984	81.8	84.8	93.7	89.9	46.3	57.7	39.0	10.5	34.1	43.0	72.1	94.2	62.1	1984
1985	94.1	93.4	90.9	93.0	84.4	36.6	37.7	31.1	87.7	86.4	96.4	102	77.7	1985
1986	84.9	92.3	89.3	92.5	64.6	69.8	28.4	28.3	56.4	87.7	46.2	72.9	67.6	1986
1987	51.1	69.2	83.1	78.7	37.43	19.5	16.7	4.04	4.55	27.3	31.9	79.3	39.2	1987
1988	90.6	91.8	89.5	100	70.4	28.2	3.36	7.45	33.3	68.5	102	74.4	62.3	1988
1989	74.7	73.8	91.0	92.1	91.7	64.5	19.3	5.53	14.8	28.4	37.7	82.6	56.2	1989
1990	73.8	88.1	86.7	88.2	70.6	41.9	11.8	9.59	7.09	78.3	80.2	95.3	60.8	1990
MEAN	79.9	83.5	88.4	91.1	71.9	40.1	27.2	20.8	39.2	59.7	68.3	86.2	62.7	MEAN

LOCATION - LAT 45 01 30 N
LONG 079 46 30 W

REGULATED

MUSKOKA RIVER AT HIGHWAY NO. 69 - STATION NO. 02EB012

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1965	---	---	---	---	1965
1966	---	---	---	---	1966
1967	114 AT 15:30 EST ON APR 27	137 ON NOV 14	1.83 ON AUG 03	1 700 000	1967
1968	108 AT 03:00 EST ON FEB 05	108 ON APR 27	17.7 ON MAY 21	2 310 000	1968
1969	144 AT 09:42 EST ON APR 13	108 ON FEB 05	1.09 ON JUN 23	1 700 000	1969
		139 ON APR 13 *	11.2 ON AUG 11	2 040 000	
1970	125 AT 13:45 EST ON APR 30	123 ON APR 30	4.64 ON JUN 24	2 220 000	1970
1971	152 AT 20:10 EST ON MAY 04	121 ON MAY 07	0.937 ON OCT 16	1 620 000	1971
1972	151 AT 23:23 EST ON MAY 17	110 ON MAR 28	0.923 ON JUN 11	2 270 000	1972
1973	138 AT 17:25 EST ON MAY 04	137 ON MAY 11	0.688E ON JUL 28	2 380 000	1973
1974	145 AT 16:01 EST ON MAY 03 *	137 ON MAY 06	1.23 ON AUG 07	2 290 000	1974
1975	139 AT 11:49 EST ON MAY 08	135 ON MAY 08	0.368E ON MAY 29	1 750 000	1975
1976	110 AT 16:56 EST ON APR 08	109 ON APR 08	2.62 E ON SEP 08	1 700 000	1976
1977	123 AT 22:26 EST ON MAR 14	121 ON MAR 14	0.360E ON JUN 15	1 820 000	1977
1978	125 AT 11:40 EST ON MAY 17	122 ON MAY 17	1.56 ON JUL 29	1 980 000	1978
1979	129 AT 21:21 EST ON FEB 12	110 ON DEC 26	2.65 E ON JUL 26	2 180 000	1979
1980	114 AT 12:00 EST ON APR 02	111 ON APR 02	0.887E ON OCT 01	2 190 000	1980
1981	120 AT 20:27 EST ON SEP 06	118 ON APR 15	2.91 E ON JUL 18	2 010 000	1981
1982	117 AT 21:40 EST ON MAY 06	114 ON MAY 06	0.358E ON MAY 23 *	1 950 000	1982
1983	111 AT 01:27 EST ON DEC 10	109 ON DEC 10	0.695E ON JUL 26	1 950 000	1983
1984	119 AT 17:31 EST ON DEC 29	113 ON DEC 29	2.41 ON SEP 18	1 960 000	1984
1985	115 AT 07:36 EST ON APR 28	115 ON APR 28	6.00 ON JUL 25	2 450 000	1985
1986	114 AT 23:45 EST ON MAR 30	109 ON MAR 31	11.0 ON JUL 23	2 130 000	1986
1987	110 AT 22:33 EST ON APR 10	109 ON APR 10	0.429E ON MAY 28	1 240 000	1987
1988	143 AT 21:36 EST ON APR 26	128 ON APR 25	0.892A ON JUL 17	1 970 000	1988
1989	145 AT 14:32 EST ON MAY 19	129 ON MAY 19	0.904E ON JUL 24	1 770 000	1989
1990	116 AT 17:47 EST ON NOV 27	114 ON NOV 28	3.82 ON SEP 12	1 920 000	1990
				1 980 000	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX)
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

MUSKOKA RIVER AT RAGGED RAPIDS - STATION NO. 02EB010

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1923	---	---	---	---	---	---	---	---	---	---	---	28.9	---	1923
1924	22.5	20.9	31.6	45.8	46.2	26.8	15.6	7.66	5.51	6.36	4.54	19.4	21.1	1924
1925	10.9	21.1	31.0	53.4	20.8	17.6	9.08	9.27	5.56	4.91	23.8	23.6	19.2	1925
1926	14.9	14.3	22.8	31.6	56.0	33.7	19.8	14.7	11.8	---	---	---	---	1926
1937	---	---	---	---	---	---	1.53	1.66	0.723	0.953	1.49	1.81	---	1937
1938	2.00	2.72	2.10	24.8	36.7	41.4	5.26	3.55	6.61	16.2	35.1	51.5	19.0	1938
1939	48.1	48.9	37.9	42.6	57.2	29.2	26.2	29.8	35.6	35.1	42.7	34.3	38.9	1939
1940	37.3	35.7	36.0	47.2	58.8	45.3	28.4	31.9	52.9	54.0	73.8	83.1	48.7	1940
1941	76.9	62.6	61.6	70.9	60.6	24.8	21.0	19.1	16.1	26.6	62.8	74.1	48.4	1941
1942	66.7	58.5	58.2	60.3	61.9	57.0	27.8	23.1	14.5	45.2	76.2	79.9	52.4	1942
1943	67.0	75.6	83.4	81.9	63.9	38.9	42.6	39.3	29.4	25.5	39.6	50.6	56.2	1943
1944	40.5	48.3	46.8	75.3	66.4	39.2	38.0	33.9	27.5	40.1	57.3	64.8	48.2	1944
1945	48.2	41.3	75.8	76.0	78.6	75.8	41.5	27.6	26.7	35.0	61.5	67.5	54.7	1945
1946	73.7	74.9	77.9	63.1	61.5	52.3	24.9	13.6	15.7	23.4	55.9	55.7	46.4	1946
1947	70.6	77.7	78.5	85.6	86.2	68.0	37.4	30.7	21.9	24.5	44.2	47.5	54.0	1947
1948	42.0	57.7	68.0	83.5	66.0	45.6	26.8	21.0	16.3	18.5	84.8	75.3	47.9	1948
1949	78.0	86.4	89.2	91.8	57.6	42.7	39.4	18.8	10.7	18.7	19.8	51.1	50.1	1949
1950	91.7	90.9	70.5	88.7	65.3	36.0	22.1	17.1	16.6	19.0	41.7	86.0	53.6	1950
1951	80.7	80.2	84.1	92.7	70.3	25.4	28.9	25.4	22.3	53.5	98.0	93.8	61.9	1951
1952	92.1	77.2	67.4	86.8	65.9	44.4	26.4	23.6	45.5	25.8	45.1	87.2	57.2	1952
1953	68.9	64.4	86.4	77.9	67.0	37.4	28.2	18.2	16.8	19.5	19.0	57.5	46.7	1953
1954	52.0	55.7	83.8	83.0	65.1	60.7	23.0	19.6	43.4	81.5	80.8	89.2	59.8	1954
1955	53.6	70.8	73.6	83.8	42.4	17.6	13.7	11.5	10.0	22.7	67.8	42.1	42.2	1955
1956	41.8	45.1	66.9	60.9	84.6	53.0	67.0	20.4	53.6	50.6	45.0	78.7	55.8	1956
1957	74.3	87.5	87.9	74.0	31.5	48.0	24.9	14.8	55.6	44.5	76.4	85.5	62.3	1957
1958	87.6	73.6	84.1	61.0	7.08	15.1	27.4	16.9	32.9	35.9	54.1	60.2	46.2	1958
1959	44.6	75.3	82.6	85.1	78.9	34.9	17.8	23.7	36.5	47.2	78.9	85.4	57.6	1959
1960	84.4	69.8	74.0	86.7	84.6	52.7	28.0	27.6	18.6	19.1	50.4	41.9	53.1	1960
1961	43.8	34.8	78.9	80.4	68.8	37.5	35.1	26.1	28.0	19.8	53.4	44.9	43.5	1961
1962	51.6	60.3	64.0	72.3	55.3	16.3	6.44	9.43	14.1	16.2	55.6	42.9	40.5	1962
1963	54.2	46.9	46.9	59.3	44.1	29.4	10.6	18.9	34.1	27.8	33.4	63.0	38.6	1963
1964	55.9	79.6	77.4	53.0	71.4	14.4	7.48	10.8	25.4	32.3	21.8	54.3	41.9	1964
1965	81.5	84.3	83.0	72.4	53.8	12.4	11.6	23.9	49.7	84.2	81.7	82.3	59.9	1965
1966	82.6	77.3	82.9	72.3	24.0	43.5	11.9	8.25	19.2	27.4	75.3	82.3	52.7	1966
1967	82.1	85.0	79.7	86.0	43.5	66.0	47.0	24.9	50.3	---	---	---	---	1967
MEAN	58.2	60.2	66.1	70.2	59.1	39.4	26.2	19.9	25.5	31.9	47.4	59.3	47.7	MEAN

LOCATION - LAT 45 00 56 N
LONG 079 41 20 W REGULATED

DATA CONTRIBUTED BY - ONTARIO HYDRO

REMARKS - FORMERLY PUBLISHED AS "MUSQUASH RIVER"

MUSKOKA RIVER AT RAGGED RAPIDS - STATION NO. 02EB010

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1923	---	---	---	---	1923
1924	---	54.4 ON MAY 13	4.02 ON NOV 04	666 000	1924
1925	---	60.0 ON APR 12	3.51 ON JUL 25	605 000	1925
1926	---	67.1 ON MAY 13	---	---	1926
1937	---	---	---	---	1937
1938	---	82.1 ON NOV 28	0 ON OCT 01 *	601 000	1938
1939	---	83.3 ON MAY 06	10.4 ON JUN 11	1 230 000	1939
1940	---	110 ON NOV 20	18.2 ON JUN 23	1 540 000	1940
1941	---	99.1 ON APR 18	6.54 ON AUG 24	1 530 000	1941
1942	---	91.7 ON NOV 11	7.62 ON SEP 30	1 650 000	1942
1943	---	115 ON MAY 01	8.55 ON OCT 11	1 770 000	1943
1944	---	92.6 ON APR 23	8.95 ON SEP 03	1 520 000	1944
1945	---	130 ON MAR 24	8.13 ON OCT 14	1 720 000	1945
1946	---	90.0 ON APR 11	0.198 ON AUG 04	1 460 000	1946
1947	---	106 ON APR 27	8.07 ON SEP 07	1 700 000	1947
1948	---	107 ON NOV 25	5.64 ON OCT 03	1 510 000	1948
1949	---	111 ON APR 05	1.78 ON SEP 11	1 580 000	1949
1950	---	121 ON DEC 10	5.64 ON AUG 13	1 690 000	1950
1951	---	168 ON MAR 31 *	10.8 ON SEP 09	1 950 000	1951
1952	---	109 ON JAN 30	15.4 ON OCT 19	1 810 000	1952
1953	---	116 ON MAY 02	9.17 ON SEP 06	1 470 000	1953
1954	---	92.3 ON APR 13	12.3 ON AUG 21	1 890 000	1954
1955	---	93.2 ON APR 02	3.91 ON SEP 24	1 330 000	1955
1956	---	96.0 ON JUL 15	14.3 ON AUG 19	1 760 000	1956
1957	---	111 ON MAR 19	1.02 ON AUG 04	1 960 000	1957
1958	---	101 ON JAN 28	0 ON MAY 10	1 460 000	1958
1959	---	92.6 ON MAY 22	2.12 ON JUN 24	1 820 000	1959
1960	---	96.6 ON NOV 22	6.20 ON OCT 15	1 680 000	1960
1961	---	94.6 ON APR 21	8.72 ON OCT 15	1 370 000	1961
1962	---	92.6 ON APR 01	0.113 ON JUL 11	1 230 000	1962
1963	---	89.8 ON MAY 22	0 ON APR 27	1 230 000	1963
1964	---	90.9 ON MAY 14	0.028 ON APR 19	1 330 000	1964
1965	---	88.9 ON OCT 02	0 ON MAY 26	1 890 000	1965
1966	---	136 ON NOV 14	1.70 ON AUG 03	1 660 000	1966
1967	---	---	---	---	1967
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		1 500 000	MEAN

MUSKOKA RIVER BELOW BALA - STATION NO. 02EB006

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1937	---	---	---	---	---	---	19.8	25.0	24.1	38.1	112	84.3	---	1937
1938	44.0	48.9	140	272	95.1	71.3	20.9	18.1	34.4	44.7	53.5	61.8	75.2	1938
1939	48.5	54.0	89.3	155	241	30.9	26.5	30.1	36.0	35.2	42.7	34.4	68.8	1939
1940	37.3	35.7	36.0	67.4	130	73.1	28.7	32.2	57.3	54.2	88.6	93.2	61.2	1940
1941	84.3	62.8	61.8	163	86.2	21.9	21.4	19.6	16.4	26.8	101	88.5	62.7	1941
1942	86.0	58.6	92.4	189	135	80.5	28.2	23.6	14.9	46.3	103	87.2	78.6	1942
1943	67.2	75.4	104	163	290	74.0	43.3	40.1	29.1	25.7	39.6	49.8	83.6	1943
1944	40.5	48.3	47.1	88.5	95.9	41.2	38.5	34.2	27.7	40.2	57.4	64.8	52.0	1944
1945	40.5	41.3	138	149	113	95.1	42.3	27.9	26.9	35.1	61.5	67.5	70.6	1945
1946	81.0	102	166	103	69.9	54.1	25.4	14.0	16.1	23.5	22.1	55.7	60.8	1946
1947	70.6	78.5	115	232	263	128	37.7	40.0	22.4	24.4	22.5	37.6	89.3	1947
1948	42.0	57.7	116	253	92.6	54.8	27.6	21.4	16.9	18.7	61.3	79.1	69.8	1948
1949	82.7	109	121	259	73.7	43.2	39.9	19.4	11.1	19.0	19.7	60.3	71.1	1949
1950	102	137	72.2	138	83.2	36.4	22.6	17.5	16.9	19.2	41.7	95.1	71.4	1950
1951	85.2	60.2	112	317	187	25.8	28.7	25.8	22.8	51.6	153	123	99.5	1951
1952	112	78.5	67.9	211	99.0	46.5	26.9	24.1	46.2	26.0	45.1	101	73.5	1952
1953	69.4	64.3	132	156	77.6	38.0	28.6	18.8	17.4	40.1	19.4	57.9	58.3	1953
1954	52.1	55.8	133	170	94.7	60.9	23.6	20.1	43.9	176	118	73.0	85.9	1954
1955	54.1	71.7	74.4	192	60.1	18.6	14.8	12.8	11.5	23.3	86.6	43.0	54.8	1955
1956	42.4	46.0	69.7	78.3	164	92.4	68.2	21.7	57.3	51.6	45.7	78.4	67.3	1956
1957	74.8	88.1	101	99.9	32.1	56.1	171	15.4	65.5	48.9	132	150	86.1	1957
1958	133	79.1	85.7	85.5	8.06	15.3	27.8	17.3	34.5	45.4	58.9	61.0	52.5	1958
1959	45.0	81.6	91.0	196	170	43.5	18.4	26.3	37.3	48.0	117	108	81.7	1959
1960	85.2	70.6	77.1	260	200	61.6	57.0	29.2	28.2	28.3	54.3	42.5	82.7	1960
1961	44.4	35.4	81.9	129	92.4	36.9	35.7	27.5	28.7	20.8	24.0	45.4	50.2	1961
1962	52.2	80.8	64.6	108	69.7	16.6	6.79	10.6	15.2	36.3	26.5	42.6	43.9	1962
1963	53.7	46.5	51.7	132	110	33.3	11.1	20.0	25.1	29.0	34.3	63.6	51.7	1963
1964	56.3	79.9	83.0	53.6	76.7	15.2	8.58	10.9	25.8	32.0	21.8	58.8	43.5	1964
1965	89.9	90.7	83.6	139	129	12.8	11.9	24.5	60.3	161	89.8	162	88.1	1965
1966	111	78.8	105	81.7	55.8	44.3	12.2	8.86	20.1	28.6	117	240	75.3	1966
1967	96.3	99.5	91.3	202	52.0	95.8	51.9	29.9	58.7	96.7	222	125	101	1967
1968	101	121	115	111	26.3	18.8	26.7	30.3	51.6	33.7	35.0	47.6	62.1	1968
1969	71.6	85.8	91.4	164	153	70.2	39.1	16.4	28.4	42.9	118	82.5	80.1	1969
1970	71.1	68.4	70.0	135	136	34.9	106	50.6	37.9	86.3	89.7	88.7	81.5	1970
1971	73.3	81.6	130	189	112	29.8	20.5	16.9	27.0	20.1	32.0	70.6	68.5	1971
1972	81.5	85.3	94.6	176	176	47.5	58.3	72.8	46.4	57.5	103	88.5	90.1	1972
1973	106	134	210	198	120	98.7	47.7	45.1	28.0	47.2	67.8	100	99.9	1973
1974	85.3	105	150	203	203	52.5	25.6	16.5	42.5	97.0	117	95.6	99.4	1974
1975	72.2	81.8	145	154	133	12.9	9.29	15.3	42.7	42.9	37.5	128	73.0	1975
1976	87.5	93.3	168	233	88.3	32.3	42.3	17.5	25.5	22.2	34.4	79.8	76.6	1976
1977	52.8	55.9	154	161	44.8	6.76	19.5	14.0	85.5	124	112	112	75.8	1977
1978	97.6	74.6	70.2	113	142	50.3	14.3	16.7	26.4	59.3	60.9	84.7	70.2	1978
1979	84.7	91.5	166	239	149	43.2	14.8	22.0	39.3	75.4	117	151	99.3	1979
1980	112	82.2	88.7	258	77.5	68.1	59.8	58.2	72.9	118	117	92.0	100	1980
1981	76.0	105	184	129	75.8	48.5	20.4	9.39	196	107	62.7	68.9	90.2	1981
1982	68.5	79.7	96.6	199	92.0	65.4	24.3	15.2	41.4	63.9	121	205	89.2	1982
1983	156	110	130	87.3	203	78.5	16.1	5.34	20.5	62.7	51.2	98.9	85.0	1983
1984	83.6	136	154	161	84.8	92.6	40.2	11.6	35.7	44.2	77.8	103	85.1	1984
1985	167	102	172	252	167	43.0	39.8	32.4	119	111	117	108	119	1985
1986	90.0	96.9	111	192	83.8	73.5	29.2	29.2	57.9	134	48.5	75.1	84.9	1986
1987	52.9	70.7	94.4	117	24.4	24.5	17.1	4.32	5.36	28.2	33.8	109	48.3	1987
1988	95.1	116	115	200	92.6	21.7	4.17	8.22	34.8	71.4	140	77.6	81.2	1988
1989	78.3	76.7	119	200	117	92.0	21.7	6.65	15.3	28.9	39.8	84.2	73.1	1989
1990	78.4	112	149	165	94.3	48.3	12.3	10.6	8.24	83.1	90.1	156	83.7	1990
MEAN	79.5	80.9	109	167	114	50.4	32.1	22.8	37.7	54.6	74.4	90.2	76.0	MEAN

LOCATION - LAT
LONG

N
W

DRAINAGE AREA, 4 770 km²
REGULATED

REMARKS - DAILY DISCHARGES OBTAINED BY SUMMATION OF FLOWS AT 02EB011 AND 02EB012

MUSKOKA RIVER BELOW BALA - STATION NO. 02EB006

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1937	---	---	---	---	1937
1938	---				1938
1939	---	326 ON APR 04	7.87 ON JUL 21	2 370 000	1939
		311 ON MAY 06	7.99 ON JUN 15	2 170 000	
1940	---	189 ON JUN 01	18.5 ON JUN 23	1 930 000	1940
1941	---	482 ON APR 27	6.88 ON AUG 24	1 980 000	1941
1942	---	496 ON APR 12	8.07 ON SEP 20	2 480 000	1942
1943	---	337 ON MAY 14	8.67 ON OCT 31	2 630 000	1943
1944	---	157 ON APR 28	9.20 ON SEP 03	1 650 000	1944
1945	---	279 ON APR 03	8.21 ON OCT 14	2 230 000	1945
1946	---	258 ON MAR 31	0.651 ON AUG 04	1 920 000	1946
1947	---	345 ON MAY 03	8.18 ON NOV 02	2 820 000	1947
1948	---	292 ON APR 14	6.17 ON OCT 03	2 210 000	1948
1949	---	286 ON APR 10	2.15 ON SEP 11	2 240 000	1949
1950	---	200 ON JAN 10	5.83 ON AUG 13	2 250 000	1950
1951	---	368 ON APR 19 *	11.5 ON SEP 09	3 140 000	1951
1952	---	276 ON APR 25	15.4 ON OCT 19	3 320 000	1952
1953	---	254 ON APR 02	9.74 ON SEP 06	1 840 000	1953
1954	---	274 ON OCT 21	12.7 ON AUG 21	2 710 000	1954
1955	---	276 ON APR 26	5.27 ON SEP 24	1 730 000	1955
1956	---	261 ON MAY 17	12.3 ON APR 01	2 130 000	1956
1957	---	220 ON JUL 07	4.28 ON AUG 04	2 720 000	1957
1958	---	245 ON JAN 01	0.247 ON JUN 02	1 660 000	1958
1959	---	303 ON MAY 03	3.57 ON JUN 29	2 580 000	1959
1960	---	340 ON APR 26	7.02 ON OCT 15	2 620 000	1960
1961	---	238 ON MAY 01	9.68 ON OCT 15	1 580 000	1961
1962	---	164 ON APR 10	0.453 ON JUL 11	1 380 000	1962
1963	---	234 ON APR 08	0.142 ON APR 27 *	1 630 000	1963
1964	---	121 ON MAY 14	0.538 ON APR 19	1 380 000	1964
1965	---	224 ON MAY 03	3.74 ON JUN 04	2 780 000	1965
1966	---	337 ON DEC 12	2.04 ON AUG 03	2 370 000	1966
1967	---	294 ON NOV 07	21.0 ON AUG 16	3 200 000	1967
1968	---	215 ON APR 05	1.68 ON JUN 23	1 960 000	1968
1969	---	271 ON MAY 24	12.0 ON AUG 11	2 530 000	1969
1970	---	236 ON APR 27	5.35 ON JUN 24	2 570 000	1970
1971	---	289 ON APR 28	4.45 ON OCT 15	2 160 000	1971
1972	---	252 ON APR 30	5.75 ON JUN 16	2 850 000	1972
1973	---	292 ON APR 06	4.22 ON JUL 28	3 150 000	1973
1974	---	294 ON APR 26	5.69 ON AUG 07	3 130 000	1974
1975	---	286 ON MAY 05	1.99 ON JUN 14	2 300 000	1975
1976	---	357 ON APR 07	6.77 ON SEP 08	2 420 000	1976
1977	---	252 ON APR 06	1.32 E ON JUN 15	2 390 000	1977
1978	---	207 ON MAY 01	4.44 ON JUL 29	2 210 000	1978
1979	---	321 ON APR 07	5.24 ON AUG 02	3 130 000	1979
1980	---	357 ON APR 19	8.45 ON AUG 21	3 170 000	1980
1981	---	290 ON SEP 09	5.03 ON AUG 24	2 840 000	1981
1982	---	303 ON APR 29	8.28 ON AUG 21	2 810 000	1982
1983	---	314 ON MAY 12	1.31 ON JUL 26	2 680 000	1983
1984	---	269 ON MAY 30	4.40 ON SEP 18	2 690 000	1984
1985	---	359 ON APR 30	6.81 ON JUL 25	3 760 000	1985
1986	---	294 ON APR 10	11.6 ON JUL 23	2 680 000	1986
1987	---	199 ON APR 06	1.38 ON SEP 22	1 520 000	1987
1988	---	296 ON APR 14	1.47 ON JUL 01	2 570 000	1988
1989	---	230 ON APR 11	1.99 ON AUG 31	2 310 000	1989
1990	---	229 ON DEC 04	4.99 ON SEP 12	2 640 000	1990
	E - ESTIMATED	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		2 400 000	MEAN

MUSKOKA RIVER NEAR BALA - STATION NO. 02EB005

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1923	---	---	---	---	---	---	---	---	---	---	---	---	---	1923
1924	74.2	68.9	105	162	163	86.6	46.1	21.8	15.1	18.8	12.2	63.0	69.8	1924
1925	34.7	69.3	105	196	69.0	56.9	28.1	29.7	15.9	13.6	78.8	76.8	64.2	1925
1926	47.8	46.1	75.3	108	207	114	64.2	47.2	36.8	47.2	170	146	92.7	1926
1927	70.8	61.3	114	92.5	125	104	75.6	41.6	29.5	32.7	62.1	133	80.4	1927
1928	88.2	79.5	108	296	186	69.2	102	61.9	70.2	170	153	128	126	1928
1929	95.7	91.2	154	299	256	75.1	42.4	15.8	13.6	19.0	32.8	57.5	95.9	1929
1930	48.8	68.5	116	133	142	80.7	53.8	27.6	20.4	35.1	33.0	51.5	67.5	1930
1931	41.9	36.5	41.2	128	86.2	34.1	16.9	15.8	16.4	18.9	53.9	97.1	48.9	1931
1932	125	120	108	155	97.6	46.9	44.4	28.5	97.0	144	180	108	85.5	1932
1933	112	84.9	72.9	217	150	55.6	30.8	23.6	16.6	23.6	86.9	104	72.0	1933
1934	43.5	45.1	91.4	169	139	41.5	30.6	14.4	15.4	22.1	58.2	57.0	62.4	1934
1935	52.9	50.7	92.3	124	52.8	80.6	67.4	23.3	16.7	42.3	71.4	77.0	62.6	1935
1936	40.4	39.7	108	150	142	76.9	24.5	16.1	17.6	33.7	72.9	43.5	67.1	1936
1937	166	91.6	96.2	152	141	58.5	---	---	---	---	---	---	---	1937
MEAN	74.4	68.1	99.1	170	143	70.0	48.2	28.2	29.3	49.3	77.3	86.0	78.0	MEAN

LOCATION - LAT 45 01 30 N
LONG 079 40 26 W

DRAINAGE AREA, 4 840 km^2
REGULATED

MUSKOKA RIVER NEAR BALA - STATION NO. 02EB005

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1923	---	---	---	---	1923
1924	---	199 ON MAY 13	10.4 ON NOV 04	2 210 000	1924
1925	---	225 ON APR 12	8.55 ON JUL 25 *	2 020 000	1925
1926	---	255 ON MAY 13	16.6 ON AUG 17	2 920 000	1926
1927	---	182 ON MAY 20	21.7 ON SEP 12	2 540 000	1927
1928	---	368 ON APR 16 *	24.2 ON JUN 16	3 990 000	1928
1929	---	320 ON APR 14	12.9 ON SEP 21	3 030 000	1929
1930	---	210 ON APR 23	17.8 ON OCT 14	2 130 000	1930
1931	---	188 ON APR 14	14.3 ON AUG 14	1 540 000	1931
1932	---	214 ON APR 17	15.6 ON JUN 30	3 300 000	1932
1933	---	274 ON APR 22	14.3 ON AUG 23	2 270 000	1933
1934	---	219 ON APR 24	10.8 ON AUG 06	1 970 000	1934
1935	---	167 ON MAR 27	8.83 ON SEP 18	1 970 000	1935
1936	---	303 ON MAY 08	14.7 ON JUL 19	2 120 000	1936
1937	---	---	---	---	1937
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		2 460 000	MEAN

MUSKRAT RIVER NEAR PEMBROKE - STATION NO. 02EC015

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1969	1.12	1.52	10.2	27.4	19.5	12.3	3.19	0.637	0.628	0.692	3.18	1.27	6.80	1969
1970	0.285	0.510	0.757	17.2	18.1	6.18	0.849	0.697	0.610	0.546	2.06	2.45	4.19	1970
1971	1.57	1.17	1.08	23.6	22.5	4.70	0.596	0.527	0.443	1.22	1.84	2.65	5.16	1971
1972	0.954	0.382	0.617	21.0	27.1	9.83	7.15	4.72	4.03	6.14	14.4	9.68	8.83	1972
1973	6.89	5.46	19.9	36.2	17.3	9.40	3.87	1.33	1.04	0.810	4.14	4.22	9.25	1973
1974	3.48	2.97	6.24	28.0	27.6	12.1	1.82	0.953	0.864	0.540	3.21	3.44	7.60	1974
1975	3.25	2.02	4.34	16.7	17.9	3.94	1.23	0.554	0.415	0.450	2.34	2.39	4.63	1975
1976	1.13	1.26	9.41	31.2	11.6	5.87	3.58	3.01	2.24	2.79	4.93	2.84	6.80	1976
1977	1.48	1.25	11.5	18.4	5.76	0.253	0.298	0.264	0.206	0.081	2.99	6.92	4.13	1977
1978	4.41	4.42	3.39	26.4	22.5	---	---	---	---	---	---	---	---	1978
MEAN	2.46	2.10	6.74	24.8	19.0	7.17	2.51	1.41	1.16	1.48	4.39	3.98	6.38	MEAN

LOCATION - LAT 45 47 53 N LONG 077 06 25 W DRAINAGE AREA, 668 km^2 REGULATED

MUSKRAT RIVER NEAR PEMBROKE - STATION NO. 02EC015

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1969	---	54.9 ON APR 02 *	0.544 ON AUG 02	214 000	1969
1970	36.0B AT 06:40 EST ON APR 14	28.6 ON APR 21	0.204B ON JAN 24	132 000	1970
1971	51.3 AT 22:20 EST ON APR 21	49.0 ON APR 22	0.385 ON OCT 07	163 000	1971
1972	52.7 AT 15:25 EST ON APR 21 *	48.7 ON APR 25	0.306B ON FEB 10	279 000	1972
1973	---	51.0 ON APR 05	0.731 ON OCT 31	292 000	1973
1974	---	36.5 ON APR 17	0.292 ON NOV 07	240 000	1974
1975	---	34.8 ON APR 24	0.139 ON OCT 27	146 000	1975
1976	---	51.0 ON APR 03	0.991B ON FEB 06	215 000	1976
1977	26.8 AT 16:30 EST ON APR 05	24.9 ON APR 05	0.045 ON OCT 18 *	130 000	1977
1978	52.4 AT 04:25 EST ON APR 21	51.8 ON APR 21	---	---	1978
	B - ICE CONDITIONS	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		201 000	MEAN

MUSKABIK RIVER AT OUTLET OF MUSKABIK LAKE - STATION NO. 04GF001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1970	---	---	---	---	---	---	---	---	34.9	---	---	---	---	1970
1971	---	---	---	---	---	20.7	7.46	23.7	---	---	---	---	---	1971
1973	---	---	---	11.2	80.0	26.1	36.4	---	6.47	7.17	8.01	7.73	---	1973
1976	---	---	---	---	---	18.3	8.89	10.5	13.8	10.1	4.17	1.92	---	1976
1977	1.36	1.10	0.986	21.4	41.7	10.4	17.2	---	---	---	---	---	---	1977
1979	2.18	1.29	1.33	24.2	57.0	20.4	14.2	8.58	22.1	17.3	10.1	4.45	15.3	1979
1980	2.40	1.67	1.58	6.21	63.5	9.57	4.04	3.93	6.77	23.6	15.5	3.66	11.9	1980
1981	1.58	1.27	2.77	3.67	63.4	25.0	10.1	3.76	4.10	4.72	4.43	2.00	10.7	1981
1982	0.902	0.397	0.193	0.510	76.4	15.1	10.1	11.0	24.3	33.8	21.6	6.35	17.0	1982
1983	2.09	1.01	0.525	0.359	36.2	17.8	20.0	8.10	4.10	31.1	27.5	10.9	13.4	1983
1984	3.19	0.940	0.314	16.2	51.6	38.5	21.9	19.1	8.30	8.15	6.56	4.35	15.0	1984
1985	2.97	2.28	1.81	22.6	125	58.2	46.3	25.4	25.7	41.2	34.0	11.9	33.3	1985
1986	4.23	1.84	1.12	11.7	54.9	11.7	9.95	5.14	6.96	14.9	7.06	2.28	11.1	1986
1987	1.26	0.861	0.794	8.23	12.7	9.22	17.4	20.4	20.8	16.5	9.23	3.38	10.1	1987
1988	1.66	1.13	0.984	3.62	66.5	24.0	13.1	10.9	18.2	29.4	28.3	10.3	17.4	1988
1989	3.03	1.80	1.25	1.33	65.2	28.3	11.0	9.44	6.20	12.1	8.66	3.09	12.7	1989
1990	1.50	0.972	0.880	3.72	64.8	41.4	9.42	0.740	1.42	5.10	6.45	3.32	11.7	1990
MEAN	2.18	1.27	1.12	9.64	61.3	23.4	16.1	11.6	13.6	18.2	13.7	5.40	15.0	MEAN

LOCATION - LAT 51 31 32 N DRAINAGE AREA, 1 890 km²
LONG 085 04 13 W NATURAL FLOW

MUSKABIK RIVER AT OUTLET OF MUSKABIK LAKE - STATION NO. 04GF001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1970	---	---	---	---	1970
1971	---	---	---	---	1971
1973	---	---	---	---	1973
1976	---	---	---	---	1976
1977	---	---	---	---	1977
1979	---	92.0B ON APR 27	1.15 B ON MAR 14	484 000	1979
1980	99.6 AT 00:14 EST ON MAY 05	99.3 ON MAY 04	1.54 B ON APR 08	376 000	1980
1981	91.5 AT 03:25 EST ON MAY 15	89.7 ON MAY 13	1.00 B ON FEB 15	336 000	1981
1982	157 AT 02:30 EST ON MAY 10	155 ON MAY 09	0.156B ON MAR 30 *	537 000	1982
1983	63.0 AT 12:05 EST ON OCT 25	62.0 ON OCT 26	0.320B ON APR 23	423 000	1983
1984	---	86.0E ON APR 29	0.210B ON APR 08	474 000	1984
1985	168 AT 00:04 EST ON MAY 04 *	167 ON MAY 04 *	1.60 B ON APR 14	1 050 000	1985
1986	---	76.0E ON MAY 06	1.04 B ON MAR 19	349 000	1986
1987	---	35.3A ON AUG 28	0.740B ON MAR 14	319 000	1987
1988	87.7B AT 01:00 EST ON MAY 13	86.0 ON MAY 05	0.960B ON MAR 23	551 000	1988
1989	96.7 AT 17:27 EST ON MAY 23	84.3 ON MAY 15	1.07 B ON APR 16	401 000	1989
1990	82.9 AT 13:11 EST ON MAY 07	82.3 ON MAY 07	0.528 ON AUG 23	370 000	1990
				473 000	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX)
B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

NAGAGAMI RIVER AT HIGHWAY NO. 11 - STATION NO. 04JC002

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1950	---	---	---	---	---	---	40.4	17.0	11.6	10.3	17.5	12.8	---	1950
1951	6.26	4.95	4.93	33.1	120	31.0	14.6	6.37	5.35	11.7	18.6	19.6	23.2	1951
1952	10.3	7.01	6.07	41.0	72.1	51.0	25.6	12.8	6.70	7.83	7.95	17.2	22.1	1952
1953	7.39	6.97	7.62	24.1	127	73.4	22.3	8.35	5.71	5.45	5.51	7.82	25.3	1953
1954	4.84	5.58	5.96	20.8	128	53.6	28.4	13.4	7.01	18.1	21.0	11.9	26.7	1954
1955	6.17	3.62	3.22	16.8	51.1	31.9	9.64	3.48	1.48	12.9	20.6	12.1	14.5	1955
1956	8.35	6.40	4.99	11.4	64.6	66.7	34.1	12.3	8.33	7.68	7.06	6.28	19.9	1956
1957	5.22	4.55	4.99	23.4	68.1	44.5	54.7	14.4	7.24	7.30	13.2	11.9	21.7	1957
1958	6.89	5.95	4.99	44.8	71.0	54.4	63.6	23.4	27.3	17.5	24.6	21.2	30.6	1958
1959	10.9	5.70	5.06	9.27	72.2	51.2	14.6	11.7	10.8	18.6	21.2	13.8	20.5	1959
1960	9.37	6.49	4.26	15.0	128	59.8	19.3	14.8	9.49	8.99	13.2	12.5	25.2	1960
1961	6.50	3.47	4.28	26.7	110	49.7	27.1	10.7	15.2	34.3	32.1	19.1	28.4	1961
1962	7.54	4.74	6.29	8.50	70.4	68.7	22.3	29.9	49.8	20.5	12.4	12.2	26.2	1962
1963	9.74	7.45	6.72	18.2	73.0	53.8	16.6	8.06	8.25	6.65	5.83	5.91	18.4	1963
1964	4.95	4.76	4.68	29.8	107	68.5	43.0	29.9	23.3	32.5	26.2	17.1	32.8	1964
1965	7.86	5.61	5.62	13.3	85.0	44.7	15.9	7.83	19.3	45.0	27.9	19.9	24.9	1965
1966	11.4	8.62	10.2	23.6	117	82.4	27.1	21.0	13.5	39.7	40.1	24.4	35.0	1966
1967	11.9	7.57	6.50	34.9	123	79.0	25.6	18.8	7.96	9.80	17.6	11.8	29.6	1967
1968	6.32	3.51	4.21	40.3	46.4	40.9	42.2	38.0	28.4	26.5	24.8	15.4	26.5	1968
1969	10.5	8.21	6.95	33.1	102	39.7	19.6	12.6	9.13	16.0	13.5	10.1	23.6	1969
1970	8.05	6.65	5.55	9.69	59.7	39.4	18.4	7.00	19.4	24.7	23.3	9.14	19.3	1970
1971	7.15	6.14	5.53	17.7	79.2	56.0	21.2	14.9	16.8	30.8	31.7	24.2	26.0	1971
1972	9.43	8.76	8.15	7.73	78.4	35.8	18.4	18.8	13.7	21.8	14.9	8.53	20.5	1972
1973	6.03	4.22	9.85	20.7	77.1	35.1	33.9	24.4	18.0	18.9	20.9	14.9	23.8	1973
1974	10.0	8.20	6.47	8.56	92.1	62.0	26.6	20.1	22.8	48.6	36.1	15.4	29.9	1974
1975	9.80	7.82	7.15	9.61	68.0	44.1	19.2	7.05	3.72	5.25	16.3	14.3	17.7	1975
1976	8.79	5.71	5.65	43.7	69.2	38.3	21.9	13.6	6.22	5.04	3.97	3.15	18.6	1976
1977	2.90	2.84	6.94	52.3	80.5	29.5	28.8	14.9	31.3	37.4	26.0	10.6	26.8	1977
1978	7.21	6.45	6.29	7.29	78.2	70.0	28.8	12.5	5.88	6.70	5.27	4.10	20.6	1978
1979	3.96	3.86	4.71	16.2	118	59.1	16.6	8.72	20.0	32.3	45.4	19.7	29.2	1979
1980	11.2	7.24	5.99	16.4	101	33.6	14.1	9.47	9.89	21.4	16.2	8.72	21.3	1980
1981	7.05	9.34	9.58	29.6	66.2	38.0	19.6	8.76	2.42	2.91	4.01	3.94	16.7	1981
1982	3.56	3.23	3.17	6.95	86.5	35.6	44.9	19.4	20.3	44.7	41.2	22.3	27.9	1982
1983	12.9	10.1	10.5	11.9	102	53.2	25.1	10.9	12.0	44.2	29.9	16.3	28.4	1983
1984	8.46	6.82	6.56	36.5	83.6	70.5	54.0	29.3	11.6	10.9	12.0	11.9	28.6	1984
1985	9.34	7.43	5.63	34.3	63.9	35.9	22.7	30.9	25.8	61.4	50.8	22.3	31.0	1985
1986	10.9	6.81	5.54	37.8	77.0	27.4	19.8	7.55	6.08	16.8	16.6	9.45	20.2	1986
1987	5.67	4.78	5.28	25.2	28.2	19.4	31.0	47.8	24.2	24.9	22.9	16.7	21.4	1987
1988	10.5	7.66	6.80	26.7	97.8	15.4	15.8	18.1	15.3	20.4	29.8	24.2	25.8	1988
1989	12.1	7.54	4.88	11.1	109	39.9	10.5	8.84	5.66	6.85	10.5	6.55	19.6	1989
1990	5.48	4.06	7.50	28.5	84.6	42.7	28.6	11.3	7.52	13.5	21.6	12.7	22.5	1990
MEAN	8.07	6.15	6.12	23.1	85.9	48.7	26.5	16.0	14.0	20.9	20.7	13.7	24.3	MEAN

LOCATION - LAT 49 46 44 N DRAINAGE AREA, 2 410 km²
LONG 084 31 48 W NATURAL FLOW

NAGAGAMI RIVER AT HIGHWAY NO. 11 - STATION NO. 04JC002

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1950	---	---	---	---	1950
1951	---	169 CN MAY 08	2.75 CN SEP 26	732 000	1951
1952	---	101 CN APR 25	3.54 CN NOV 04	700 000	1952
1953	---	165 CN MAY 22	0.906 CN NOV 12 *	797 000	1953
1954	---	170 CN MAY 18	4.28 B CN JAN 18	844 000	1954
1955	---	72.5RE CN MAY 06	1.19 CN SEP 12	456 000	1955
1956	---	100 CN MAY 22	4.36 B CN MAR 30	629 000	1956
1957	---	104 CN MAY 04	4.19 B CN MAR 08	685 000	1957
1958	---	119 CN APR 29	4.79 B CN MAR 15	966 000	1958
1959	---	90.3 CN MAY 11	4.70 B CN MAR 03	647 000	1959
1960	---	168 CN MAY 22	3.09 RB CN APR 08	796 000	1960
1961	---	150 CN MAY 16	3.29 RB CN FEB 21	896 000	1961
1962	---	109 CN JUN 03	4.45 B CN FEB 22	826 000	1962
1963	---	94.6 CN MAY 25	4.93 CN NOV 09	580 000	1963
1964	---	141 CN MAY 06	4.39 RB CN FEB 29	1 040 000	1964
1965	---	104 CN MAY 16	4.84 B CN MAR 31	785 000	1965
1966	199 AT 16:00 EST CN MAY 26 *	197 CN MAY 25 *	6.23 B CN FEB 28	1 110 000	1966
1967	---	166 CN MAY 27	3.79 CN OCT 08	935 000	1967
1968	---	106 CN MAY 01	3.03 B CN FEB 27	837 000	1968
1969	135 AT 04:20 EST CN MAY 08	134 CN MAY 08	6.51 E CN APR 02	743 000	1969
1970	68.0 AT 18:50 EST CN MAY 08	67.7R CN MAY 08	4.70 B CN APR 15	609 000	1970
1971	98.3 AT 02:38 EST CN MAY 30	98.0 CN MAY 30	5.15 B CN APR 07	820 000	1971
1972	106 AT 01:34 EST CN MAY 14	106 CN MAY 14	7.08 B CN DEC 31	647 000	1972
1973	101 AT 11:20 EST CN MAY 16	100 CN MAY 16	3.85 B CN FEB 20	751 000	1973
1974	138 AT 15:17 EST CN MAY 22	137 CN MAY 22	5.69 B CN MAR 30	942 000	1974
1975	91.2 AT 00:50 EST CN MAY 12	90.6 CN MAY 12	3.03 CN OCT 10	560 000	1975
1976	107 AT 19:43 EST CN MAY 01	106 CN MAY 01	3.00 B CN DEC 29	589 000	1976
1977	135 AT 16:25 EST CN MAY 01	134 CN MAY 01	2.83 B CN FEB 11	845 000	1977
1978	119 AT 06:22 EST CN MAY 18	118 CN MAY 17	4.02 B CN DEC 27	651 000	1978
1979	166 AT 08:37 EST CN MAY 20	165 CN MAY 20	3.74 B CN MAR 13	920 000	1979
1980	137 AT 23:54 EST CN MAY 11	135 CN MAY 12	5.57 CN SEP 16	675 000	1980
1981	82.5 AT 07:37 EST CN MAY 05	81.8 CN MAY 05	3.93 E CN OCT 09	528 000	1981
1982	113 AT 21:20 EST CN MAY 12	112 CN MAY 12	1.10 B CN MAR 11	879 000	1982
1983	134 AT 11:32 EST CN MAY 25	133 CN MAY 25	6.99 CN SEP 01	896 000	1983
1984	111 AT 22:40 EST CN MAY 05	110 CN MAY 05	5.50 B CN FEB 09	904 000	1984
1985	---	140 E CN APR 26	4.55 B CN APR 17	977 000	1985
1986	120 A AT 04:00 EST CN MAY 07	117 A CN MAY 07	5.08 CN SEP 03	638 000	1986
1987	---	72.0E CN JUL 26	4.49 B CN MAR 15	676 000	1987
1988	127 AT 03:41 EST CN MAY 14	126 CN MAY 14	6.59 B CN MAR 23	815 000	1988
1989	157 AT 12:56 EST CN MAY 21	156 CN MAY 21	4.40 B CN MAR 21	617 000	1989
1990	119 AT 21:19 EST CN APR 30	117 CN MAY 01	3.40 B CN MAR 05	708 000	1990
				766 000	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX)
B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD
R - REVISED SINCE JAN 01 1989

NAGAGAMI RIVER NEAR AMESON - STATION NO. 04JC001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1921	---	---	---	---	---	---	---	---	---	11.5	2.94	0.837	---	1921
1922	---	---	---	---	73.5	20.3	6.28	3.43	2.21	1.42	1.80	1.84	---	1922
1923	1.30	0.934	0.708	4.01	21.2	20.1	17.7	6.53	6.63	15.6	33.6	37.2	13.9	1923
1924	13.8	5.46	5.09	14.9	38.7	28.3	19.4	31.7	27.1	19.0	13.5	14.8	19.4	1924
1925	4.94	4.29	5.21	37.1	64.0	62.1	29.7	20.5	8.47	6.89	---	---	---	1925
MEAN	6.68	3.56	3.67	18.7	49.3	32.7	18.3	15.6	11.1	10.9	13.0	13.7	16.6	MEAN

LOCATION - LAT 49 47 50 N
LONG 084 31 15 W
DRAINAGE AREA, 2 410 km^2
NATURAL FLOW

NAGAGAMI RIVER NEAR AMESON - STATION NO. 04JC001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1921	---	---	---	---	1921
1922	---	127 CN MAY 06 *	---	---	1922
1923	---	55.8B CN DEC 19	0.651B CN APR 01 *	438 000	1923
1924	---	46.7 CN MAY 27	4.70 B CN MAR 01	613 000	1924
1925	---	89.8 CN JUN 08	---	---	1925
				526 000	MEAN

B - ICE CONDITIONS
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

NAMAKAN RIVER AT OUTLET OF LAC LA CROIX - STATION NO. 05PA006

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1921	---	---	---	---	---	---	---	---	52.9	40.1	29.3	21.6	---	1921
1922	17.9	---	---	58.7	188	178	108	69.3	48.7	33.5	26.5	25.8	---	1922
1923	25.5	24.9	24.1	31.2	85.5	80.1	58.1	49.5	42.6	31.5	22.5	18.3	41.2	1923
1924	16.5	15.2	15.1	17.6	31.4	41.8	35.7	33.4	48.2	106	117	79.5	46.5	1924
1925	60.3	48.3	43.4	60.0	91.7	117	107	65.3	44.2	41.2	47.6	45.1	64.1	1925
1926	41.3	39.2	35.3	42.5	70.8	104	168	122	81.5	118	137	118	89.8	1926
1927	100	86.6	67.9	115	388	306	228	138	75.9	53.5	39.7	32.4	136	1927
1928	31.1	29.6	28.0	32.1	104	138	187	154	159	208	153	106	111	1928
1929	81.2	67.4	61.2	80.8	131	115	85.1	53.1	37.1	29.6	24.5	24.8	66.6	1929
1930	25.2	27.6	27.6	33.8	97.2	145	161	120	59.8	41.3	33.8	53.4	69.1	1930
1931	61.8	56.6	47.1	43.1	51.7	100	132	72.4	45.1	39.3	37.1	51.7	62.3	1931
1932	54.6	56.3	56.2	70.2	195	192	115	82.2	67.0	43.4	40.3	38.9	84.3	1932
1933	36.6	36.3	33.1	45.4	100	224	90.6	51.3	34.6	33.5	31.3	65.0	58.8	1933
1934	66.2	60.0	59.1	76.2	346	291	147	71.0	46.0	37.1	39.3	43.4	107	1934
1935	44.4	43.2	44.2	71.6	259	201	179	122	87.8	62.2	59.2	55.5	103	1935
1936	51.8	46.1	43.5	48.7	238	252	119	54.2	36.4	24.5	20.7	19.4	79.6	1936
1937	43.9	23.1	22.5	37.5	249	290	159	100	97.4	69.4	60.2	61.3	99.7	1937
1938	39.7	38.2	54.3	170	478	309	197	96.7	79.1	36.4	30.1	28.4	132	1938
1939	29.8	31.9	32.9	42.8	169	222	188	114	79.4	66.7	53.8	43.8	89.9	1939
1940	34.5	29.1	25.1	31.6	131	218	174	78.1	47.5	31.9	31.4	29.5	71.9	1940
1941	29.6	28.6	27.4	33.4	166	201	140	79.8	139	312	194	114	124	1941
1942	81.4	65.0	54.1	59.1	198	224	124	71.8	58.2	49.4	44.9	40.2	89.3	1942
1943	38.2	38.0	37.7	54.3	169	332	346	159	110	99.5	83.5	80.8	130	1943
1944	75.5	63.0	52.5	50.4	172	345	329	317	262	147	99.3	80.7	167	1944
1945	73.1	58.4	79.3	257	277	167	131	85.3	65.9	55.1	46.5	46.4	113	1945
1946	44.2	43.3	46.4	147	239	143	101	66.4	30.5	178	237	167	122	1946
1947	128	93.4	73.6	65.2	239	329	274	138	108	131	90.6	84.7	148	1947
1948	79.1	64.0	47.9	71.4	363	217	115	77.0	62.7	41.5	28.1	24.9	99.5	1948
1949	20.0	18.2	21.7	50.8	167	175	213	182	93.2	77.4	100	96.4	100	1949
1950	84.1	78.1	71.2	66.3	447	626	398	246	171	121	108	99.8	210	1950
1951	83.5	73.5	60.4	110	357	329	193	108	93.1	114	151	145	152	1951
1952	118	90.5	67.7	108	204	165	147	190	157	99.2	59.1	49.5	121	1952
1953	44.3	42.4	42.2	58.4	151	312	257	174	119	104	77.4	69.8	121	1953
1954	58.6	48.2	42.2	73.5	421	386	232	114	68.1	47.3	36.3	33.9	131	1954
1955	33.4	33.4	33.4	61.6	149	120	96.4	63.3	40.8	54.8	71.5	82.0	70.2	1955
1956	76.4	67.3	55.5	88.0	250	292	165	116	70.2	47.6	38.6	36.9	107	1956
1957	39.1	39.6	37.4	56.0	269	193	222	136	73.8	56.0	46.9	59.1	103	1957
1958	57.4	52.4	44.2	43.3	91.6	56.8	58.5	42.6	36.9	48.7	46.0	51.3	49.3	1958
1959	51.4	46.8	35.4	33.4	73.8	144	117	79.9	84.4	94.4	78.6	72.7	76.1	1959
1960	56.8	51.8	45.4	48.5	167	223	112	63.5	52.2	43.3	36.0	43.3	78.6	1960
1961	39.5	35.3	28.5	68.0	244	216	98.6	55.3	82.2	109	90.5	84.2	96.2	1961
1962	73.9	59.0	56.0	56.7	173	266	202	198	130	73.2	47.4	36.6	115	1962
1963	32.4	28.7	27.6	56.8	95.0	160	152	107	70.2	45.7	33.7	32.8	70.4	1963
1964	31.8	29.3	28.7	40.4	184	272	296	135	100	111	94.9	76.8	117	1964
1965	63.8	53.5	50.8	70.5	275	343	183	98.6	71.3	186	190	147	145	1965
1966	119	97.4	84.9	126	382	365	174	86.1	54.4	38.2	32.7	33.2	133	1966
1967	36.0	35.1	33.8	93.2	313	221	149	108	70.5	49.2	35.5	34.7	98.4	1967
1968	30.4	28.5	28.0	74.2	264	429	451	228	132	144	197	119	177	1968
1969	101	94.6	76.9	135	394	273	165	127	92.1	65.3	61.3	64.3	138	1969
1970	58.8	51.5	47.1	59.0	295	443	292	123	69.7	90.5	218	203	163	1970
1971	125	93.0	76.4	132	334	304	203	88.5	51.2	69.3	211	204	158	1971
1972	126	93.3	73.2	75.4	285	220	149	160	117	79.3	63.4	53.8	124	1972
1973	46.5	37.5	36.6	62.0	143	163	177	128	174	195	175	119	118	1973
1974	88.0	69.6	57.1	74.0	278	375	238	119	134	109	106	97.8	146	1974
1975	85.8	80.1	69.3	75.0	262	221	167	99.8	58.0	45.9	45.1	52.0	105	1975
1976	58.9	54.0	51.1	137	308	161	141	88.0	40.2	23.6	17.7	16.1	91.4	1976
1977	13.5	15.3	15.6	17.4	25.5	56.2	103	72.9	248	402	300	202	127	1977
1978	129	89.7	64.3	62.4	145	315	225	148	138	102	70.7	50.7	129	1978
1979	41.8	37.9	40.4	77.7	372	338	177	87.4	55.6	39.8	41.5	43.6	113	1979
1980	44.0	41.0	37.6	42.5	66.9	57.2	42.8	32.3	48.7	131	94.6	76.7	59.7	1980
1981	61.2	55.5	48.9	122	229	270	180	95.4	50.2	40.4	31.8	54.2	114	1981
1982	47.8	43.6	42.1	60.8	245	259	196	152	88.4	132	206	134	140	1982
1983	126	93.8	76.7	79.0	142	178	185	129	86.2	113	134	127	120	1983
1984	101	80.0	68.5	86.9	241	253	193	98.8	54.4	36.0	32.3	38.9	107	1984
1985	46.3	43.4	39.7	58.1	209	233	261	144	94.2	171	151	110	131	1985
1986	83.0	66.3	58.4	114	317	233	145	95.8	81.9	81.9	68.2	65.8	118	1986
1987	57.1	49.0	43.0	48.5	51.0	90.1	68.9	218	202	109	68.2	52.3	88.3	1987
1988	45.5	42.5	43.1	60.2	107	176	85.7	161	372	169	114	126	120	1988
1989	112	91.0	69.9	84.9	265	251	206	101	65.3	55.4	45.5	38.5	116	1989
1990	35.2	33.7	36.5	62.4	304	242	247	132	62.8	43.5	43.1	48.2	108	1990
MEAN	60.8	53.0	47.1	72.0	217	229	173	113	90.0	87.5	82.3	72.0	109	MEAN

LOCATION - LAT. 48 23 00 N LONG 092 10 40 W

DRAINAGE AREA, 13 400 km² NATURAL FLOW

INTERNATIONAL GAUGING STATION

NAMAKAN RIVER AT OUTLET OF LAC LA CROIX - STATION NO. 05PA006

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1921	----	----	----	----	1921
1922	----	----	----	----	1922
1923	----	90.9 ON MAY 13	17.8 ON DEC 10	1 300 000	1923
1924	----	136 ON OCT 23	15.1 ON FEB 04 *	1 470 000	1924
1925	----	135 ON JUN 23	36.5 ON SEP 29	2 030 000	1925
1926	----	171 ON JUL 08	32.8 ON MAR 21	2 830 000	1926
1927	----	473 ON MAY 20	31.4 ON DEC 04	4 300 000	1927
1928	----	223 ON OCT 07	27.6 ON FEB 19	3 510 000	1928
1929	----	135 ON MAY 18	23.1 ON NOV 15	2 100 000	1929
1930	----	182 ON JUL 27	25.1 ON JAN 01	2 180 000	1930
1931	----	124 ON JUN 28	34.3 ON NOV 10	1 360 000	1931
1932	----	240 ON MAY 24	37.1 ON DEC 26	2 670 000	1932
1933	----	134 ON JUN 11	28.6 ON OCT 14	1 850 000	1933
1934	----	439 ON MAY 26	34.8 ON OCT 15	3 380 000	1934
1935	----	286 ON MAY 16	42.2 ON FEB 15	3 240 000	1935
1936	----	340 ON MAY 26	39.0 ON NOV 27	2 520 000	1936
1937	----	126 ON JUN 08	29.9 ON JAN 01	1 140 000	1937
1938	----	324 ON MAY 12	28.0 ON NOV 01	4 160 000	1938
1939	----	247 ON MAY 31	29.0 ON JAN 01	2 830 000	1939
1940	----	222 ON JUN 21	23.2 ON MAR 25	2 270 000	1940
1941	----	334 ON OCT 12	26.2 ON MAR 29	3 320 000	1941
1942	----	286 ON MAY 28	38.2 ON DEC 24	2 820 000	1942
1943	----	405 ON JUL 07	37.7B ON MAR 08	4 080 000	1943
1944	----	402 ON JUN 26	49.0 ON MAR 29	5 270 000	1944
1945	----	365 ON MAY 01	46.4 ON NOV 02	3 560 000	1945
1946	----	288 ON OCT 30	43.3 ON JAN 13	3 850 000	1946
1947	----	345 ON JUN 29	61.7 ON APR 03	4 670 000	1947
1948	----	422 ON MAY 12	21.7 ON DEC 28	3 150 000	1948
1949	----	224 ON JUL 11	18.1 ON JAN 26	3 160 000	1949
1950	----	799 ON MAY 31 *	65.4 ON APR 02	6 640 000	1950
1951	----	416 ON MAY 22	54.9 ON MAR 26	4 800 000	1951
1952	----	224 ON MAY 10	45.3 ON DEC 29	3 840 000	1952
1953	----	148 ON JUN 19	42.2 ON FEB 05	3 830 000	1953
1954	----	595 ON MAY 22	33.4 ON DEC 23	4 120 000	1954
1955	----	158 ON MAY 12	31.4 ON SEP 17	2 210 000	1955
1956	----	365 ON JUN 01	25.7 ON DEC 10	3 190 000	1956
1957	----	311 ON MAY 15	36.8 ON MAR 11	3 240 000	1957
1958	----	63.4 ON JUL 08	33.4 ON SEP 16	1 560 000	1958
1959	----	154 ON JUN 15	31.7 ON APR 04	2 400 000	1959
1960	----	256 ON JUN 10	35.4 ON NOV 13	2 480 000	1960
1961	----	294 ON MAY 25	26.0 ON MAR 26	3 030 000	1961
1962	----	311 ON JUN 02	34.5 ON DEC 30	3 610 000	1962
1963	187 AT 18:00 CST ON JUN 29	186 ON JUN 29	26.9 ON MAR 14	2 220 000	1963
1964	345 AT 15:30 CST ON JUL 09	143 ON JUL 09	26.0 ON MAR 15	3 700 000	1964
1965	422 AT 06:40 CST ON JUN 02	419 ON JUN 01	49.6 ON MAR 14	4 570 000	1965
1966	484 AT 18:00 CST ON MAY 30	462 ON MAY 28	31.7 ON NOV 14	4 200 000	1966
1967	345 AT 02:00 CST ON MAY 18	143 ON MAY 14	30.9 ON DEC 10	3 100 000	1967
1968	566 AT 18:00 CST ON JUN 26 *	564 ON JUN 25	28.9 ON MAR 04	5 600 000	1968
1969	433 AT 03:45 CST ON MAY 15	428 ON MAY 12	58.3 ON OCT 30	4 340 000	1969
1970	464 AT 19:30 CST ON JUN 20	462 ON JUN 20	44.7E ON APR 03	5 140 000	1970
1971	362 AT 17:15 CST ON MAY 13	360 ON MAY 10	41.6 ON SEP 27	4 980 000	1971
1972	365 AT 14:00 CST ON MAY 24	365 ON MAY 24	48.7 ON DEC 29	3 940 000	1972
1973	239 AT 16:00 CST ON OCT 28	236 ON OCT 27	33.4 ON MAR 05	3 710 000	1973
1974	382 AT 18:00 CST ON JUN 21	382 ON JUN 22	54.1 ON MAR 28	4 600 000	1974
1975	314 AT 14:06 CST ON MAY 23	311 ON MAY 22	41.6 ON OCT 21	3 300 000	1975
1976	362 AT 15:00 CST ON MAY 07	362 ON MAY 07	19.7 ON DEC 30	2 890 000	1976
1977	450 AT 18:00 CST ON SEP 28	450 ON SEP 28	15.2 ON FEB 22	3 990 000	1977
1978	357 AT 14:22 CST ON JUN 14	357 ON JUN 14	44.5E ON DEC 31	4 080 000	1978
1979	433 AT 16:48 CST ON MAY 25	431 ON MAY 25	36.8 ON FEB 20	3 570 000	1979
1980	153 AT 10:10 CST ON OCT 10	149 ON OCT 10	29.1 ON AUG 28	1 890 000	1980
1981	369 AT 18:00 CST ON MAY 13	369 ON MAY 13	37.5 ON SEP 27	3 580 000	1981
1982	352 AT 14:30 CST ON MAY 28	351 ON MAY 28	39.9 ON MAR 09	4 410 000	1982
1983	199 AT 20:30 CST ON JUL 21	198 ON JUL 21	70.4A ON MAR 30	3 870 000	1983
1984	298 AT 05:42 CST ON MAY 24	295 ON MAY 24	31.3 ON NOV 16	3 380 000	1984
1985	303 AT 05:58 CST ON JUL 07	301 ON JUL 06	38.2 ON MAR 26	4 120 000	1985
1986	168 AT 12:42 CST ON MAY 22	163 ON MAY 20	53.7 ON MAR 22	3 720 000	1986
1987	286 AT 12:32 CST ON AUG 23	284 ON AUG 23	40.8 ON MAR 22	2 780 000	1987
1988	441 AT 14:13 CST ON SEP 07	439 ON SEP 07	40.6 ON MAR 08	4 800 000	1988
1989	309 AT 16:22 CST ON MAY 19	303 ON MAY 19	35.7 ON DEC 21	3 650 000	1989
1990	361 AT 14:07 CST ON MAY 19	360 ON MAY 19	31.4 ON MAR 10	3 410 000	1990
MEAN				3 440 000	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX)
B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

NAMEWAMINIKAN RIVER AT LONG RAPIDS - STATION NO. 02AD011

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1987	---	---	---	---	---	---	---	---	---	---	17.6R	13.0R	---	1987
MEAN	---	---	---	---	---	---	---	---	---	---	17.6R	13.0R	---	MEAN

LOCATION - LAT 49 45 50 N, LONG 087 46 05 W
DRAINAGE AREA, 2 190 km^2
NATURAL FLOW
R - REVISED SINCE JAN 01 1989

NAMEWAMINIKAN RIVER AT LONG RAPIDS - STATION NO. 02AD011

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1987	---	---	---	---	1987
				---	MEAN

NANTICOKE CREEK AT NANTICOKE - STATION NO. 02GC022

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1969	---	---	---	5.31	2.83	0.821	0.356	0.278	0.236	0.396	0.915	1.11	---	1969
1970	0.468	1.57	2.63	2.44	0.606	0.211	0.678	0.268	0.299	0.811	2.37	3.52	1.32	1970
1971	0.862	2.31	4.78	1.88	0.681	0.962	0.089	0.029	0.092	0.170	0.263	0.866	1.07	1971
1972	1.30	0.498	7.48	4.53	1.98	0.969	0.480	0.387	0.187	0.475	1.59	3.34	1.94	1972
1973	2.53	1.69	8.07	2.09	0.943	0.697	0.337	0.069	0.064	0.377	3.00	3.46	1.95	1973
1974	4.49	3.16	4.55	2.98	4.68	1.10	0.371	0.241	0.192	0.278	0.952	1.52	2.04	1974
1975	2.20	3.34	4.88	2.21	0.750	1.33	0.256	0.309	1.96	0.721	1.48	3.01	1.86	1975
1976	2.20	8.08	6.97	3.15	4.17	0.702	1.12	0.536	0.404	0.580	0.651	0.595	2.41	1976
1977	0.349	1.31	6.68	3.60	0.805	0.294	0.459	0.325	5.53	2.56	1.78	6.72	2.56	1977
1978	1.31	1.01	5.67	4.18	2.68	0.633	0.172	0.193	0.395	1.22	1.05	1.53	1.68	1978
1979	1.59	1.70	5.76	5.61	2.19	0.553	0.250	0.647	0.622	1.08	2.40	4.20	2.22	1979
1980	2.43	0.853	4.96	4.67	2.25	1.22	0.397	0.352	1.37	1.11	0.927	1.46	1.84	1980
1981	0.223	5.14	1.63	2.08	1.15	0.621	0.465	0.357	0.947	1.39	1.26	1.13	1.34	1981
1982	1.30	0.218	8.65	4.19	1.18	2.18	0.495	0.433	0.735	0.633	4.12	5.63	2.49	1982
1983	2.60	9.30	2.99	3.39	4.46	1.30	1.72	3.07	0.560	0.923	2.20	5.29	2.65	1983
1984	0.698	7.40	5.31	4.64	2.90	2.33	0.631	0.759	1.45	0.622	1.48	2.61	2.54	1984
1985	2.17	5.95	7.81	3.64	0.879	0.950	0.387	0.576	0.854	1.58	9.23	3.58	3.11	1985
1986	2.06	2.21	7.77	2.66	1.91	1.21	0.607	0.502	0.973	1.46	2.24	4.83	2.50	1986
1987	1.98	0.860	3.39	4.56	0.645	0.461	0.254	0.265	0.287	0.453	2.05	3.34	1.47	1987
1988	2.17	3.38	2.30	1.77	0.778	0.201	0.852	0.865	0.428	1.17	1.43	1.39	1.43	1988
1989	1.66	0.966	1.91	2.82	1.12	1.14	0.231	0.124	0.393	0.550	2.51	0.517	1.16	1989
1990	5.58	5.48	4.53	2.56	2.11	0.740	0.715	0.305	0.348	1.06	1.58	6.77	2.64	1990
MEAN	1.91	2.88	5.15	3.39	1.90	0.942	0.515	0.495	0.833	0.983	2.07	3.02	2.01	MEAN

LOCATION - LAT 42 48 34 N LONG 080 04 36 W DRAINAGE AREA, 181 km² REGULATED

REMARKS - SEASONAL REGULATION

NANTICOKE CREEK AT NANTICOKE - STATION NO. 02GC022

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1969	---	---	---	---	1969
1970	12.3 AT 14:23 EST ON DEC 04	11.7 ON DEC 04	0.127 ON JUL 02	41 600	1970
1971	15.6 AT 04:00 EST ON MAR 16	15.1 B ON FEB 28	0 ON AUG 07 *	33 900	1971
1972	17.6 AT 10:48 EST ON APR 16	14.2 B ON MAR 16	0.102 ON SEP 23	61 400	1972
1973	23.6 AT 04:30 EST ON MAR 15	19.4 ON MAR 15	0.021 ON SEP 13	61 600	1973
1974	26.3 AT 08:13 EST ON FEB 22	22.1 ON MAR 05	0.110 ON SEP 02	64 400	1974
1975	22.2 AT 18:50 EST ON MAR 24	16.2 ON FEB 24	0.074 ON AUG 01	58 600	1975
1976	50.7 AT 16:49 EST ON MAR 05	31.4 ON MAR 05	0.207 ON SEP 09	76 300	1976
1977	60.0 AT 08:51 EST ON SEP 26	36.0 ON SEP 26	0.057 ON AUG 02	80 400	1977
1978	---	21.3 B ON MAR 21	0.059 ON SEP 07	52 900	1978
1979	28.8 AT 22:44 EST ON AUG 07	22.0 B ON MAR 05	0.101 ON JUN 27	70 000	1979
1980	30.7 AT 19:47 EST ON MAR 21	20.1 ON MAR 21	0.080 ON AUG 19	58 100	1980
1981	---	17.0 B ON FEB 17	0.067 ON JUN 10	42 200	1981
1982	---	30.0 B ON MAR 14	0.197 ON JUL 26	78 700	1982
1983	25.1 AT 08:13 EST ON JUL 31	15.8 ON JUL 31	0.294 ON OCT 03	83 700	1983
1984	52.9 AT 10:43 EST ON FEB 14	44.3 ON FEB 14	0.141 ON AUG 28	80 400	1984
1985	78.2 AT 19:20 EST ON FEB 24 *	46.5 ON FEB 24 *	0.143 ON AUG 04	98 000	1985
1986	38.1 AT 19:20 EST ON OCT 03	22.0 B ON MAR 11	0.234 ON SEP 10	78 800	1986
1987	18.2 AT 18:47 EST ON APR 05	16.9 ON APR 05	0.077 ON JUL 28	46 200	1987
1988	---	11.0 B ON FEB 23	0 ON JUL 07	45 200	1988
1989	11.7 AT 09:23 EST ON APR 04	9.91 ON APR 04	0.039 ON AUG 21	36 500	1989
1990	44.9 AT 15:40 EST ON DEC 30	41.1 ON DEC 30	0.111 ON AUG 06	83 200	1990
				63 400	MEAN

B - ICE CONDITIONS * - EXTREME RECORDED FOR THE PERIOD OF RECORD

NAPANEE RIVER AT CAMDEN EAST - STATION NO. 02HM007

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1974	8.64	11.1	21.0	35.9	17.0	3.12	1.14	1.22	1.14	0.855	1.51	3.96	8.84	1974
1975	9.45	6.98	21.7	31.5	10.0	2.69	1.22	1.26	2.28	1.31	2.53	6.74	8.12	1975
1976	5.54	9.71	36.9	36.1	9.99	4.24	2.18	1.81	1.71	1.65	1.63	1.33	9.38	1976
1977	1.16	1.28	25.8	19.9	5.83	2.31	1.40	1.05	1.66	3.02	5.43	10.1	6.69	1977
1978	13.0	14.9	11.1	43.7	10.2	2.07	1.22	1.32	2.48	1.79	2.75	4.66	8.93	1978
1979	5.55	4.59	32.1	30.1	9.23	4.47	1.54	1.62	2.16	2.98	4.24	10.7	9.13	1979
1980	10.6	4.93	18.2	28.3	15.7	2.64	1.83	2.34	1.95	2.36	4.21	7.64	8.40	1980
1981	4.35	23.6	24.4	7.64	5.66	6.25	3.13	3.79	19.8	13.7	12.7	9.32	11.3	1981
1982	5.78	4.45	11.4	37.2	10.6	7.56	2.97	1.60	2.38	3.11	6.71	14.6	9.02	1982
1983	14.2	11.2	14.5	18.0	20.5	5.44	1.39	1.51	1.30	1.69	6.14	20.3	9.68	1983
1984	10.3	21.7	17.4	31.1	12.5	5.12	2.90	2.48	2.38	1.72	1.93	3.64	9.35	1984
1985	4.84	6.29	27.4	20.2	3.84	1.87	1.56	1.18	4.24	4.25	13.9	10.9	8.37	1985
1986	8.75	6.58	17.9	16.8	8.15	4.68	2.70	3.06	9.04	14.0	10.7	13.9	9.96	1986
1987	9.95	5.70	16.4	27.6	4.79	5.18	2.60	1.43	1.98	1.83	5.50	20.5	8.62	1987
1988	9.81	7.73	14.3	22.0	5.23	3.50	0.802	0.818	0.911	1.32	2.88	2.70	5.82	1988
1989	3.35	4.04	8.84	23.2	11.1	4.09	1.45	1.17	0.625	1.26	5.59	5.19	5.81	1989
1990	7.22	11.4	22.3	22.9	13.5	5.49	1.84	1.37	1.07	3.16	4.67	15.4	9.19	1990
MEAN	7.79	9.19	20.1	26.6	10.2	4.22	1.87	1.76	3.30	3.53	5.61	9.50	8.62	MEAN

LOCATION - LAT 44 20 03 N LONG 076 50 15 W DRAINAGE AREA, 694 km² REGULATED

REMARKS - MINOR REGULATION

NAPANEE RIVER AT CAMDEN EAST - STATION NO. 02HM007

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1974	51.5 AT 17:00 EST ON APR 07	51.0 ON APR 07	0.382 ON OCT 08	279 000	1974
1975	49.0 AT 11:05 EST ON MAR 27	45.9 ON MAR 25	0.617 ON NOV 06	256 000	1975
1976	77.9 AT 14:06 EST ON APR 01 *	76.5 ON APR 01 *	0.807 ON NOV 25	297 000	1976
1977	45.0 AT 08:45 EST ON MAR 17	44.5 ON MAR 17	1.05 B ON JAN 25	211 000	1977
1978	53.8 AT 10:46 EST ON APR 14	53.5 ON APR 13	0.119 ON OCT 00 *	242 000	1978
1979	44.1 AT 12:09 EST ON MAR 26	43.9 ON MAR 26	1.27 ON JUL 22	288 000	1979
1980	66.2 AT 17:32 EST ON MAR 21	49.7 ON MAR 25	0.364 ON OCT 17	266 000	1980
1981	67.7 AT 04:39 EST ON FEB 24	66.2 ON FEB 24	2.08 ON JUL 27	356 000	1981
1982	55.9 AT 11:48 EST ON APR 07	55.4 ON APR 04	1.33 ON AUG 12	285 000	1982
1983	---	33.0E ON DEC 17	1.13 ON JUL 20	305 000	1983
1984	43.8 AT 08:23 EST ON APR 08	43.2 ON APR 07	1.32 ON NOV 03	296 000	1984
1985	---	36.7 ON MAR 16	0.970 ON AUG 13	264 000	1985
1986	41.9 AT 20:18 EST ON MAR 19	36.7 ON MAR 30	1.98 ON AUG 13	314 000	1986
1987	43.8 AT 02:29 EST ON APR 05	42.6 ON APR 05	1.26 ON AUG 18	272 000	1987
1988	44.9 AT 08:45 EST ON MAR 30	41.4 ON MAR 30	0.472E ON JUL 07	184 000	1988
1989	37.7 AT 19:28 EST ON APR 04	36.7 ON APR 05	0.471 ON SEP 19	183 000	1989
1990	37.5 AT 12:37 EST ON DEC 30	37.1 ON MAR 18	0.599 ON SEP 06	290 000	1990
				272 000	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

NAPANEE RIVER NEAR NAPANEE - STATION NO. 02HM001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1915	---	---	---	---	---	---	---	---	---	---	---	---	---	
1916	0.68	19.8	15.2	58.1	25.4	36.2	14.7	2.08	1.23	1.36	3.10	4.47	---	1915
1917	1.65	4.81	20.6	46.6	7.79	5.47	2.09	1.23	1.07	3.55	1.29	1.22	15.3	1916
1918	1.98	4.67	28.9	45.6	9.07	2.59	4.23	1.55	2.84	8.49	4.65	3.63	8.40	1917
1919	12.8	4.69	28.8	32.1	36.3	16.3	3.11	0.994	0.903	1.14	15.5	16.4	12.0	1918
											4.63	4.12	12.2	1919
1920	1.28	1.12	25.1	27.3	8.88	2.08	2.23	0.863	0.288	0.262	1.44	9.43	6.71	1920
1921	6.95	3.69	30.5	21.1	7.88	1.60	0.637	1.04	1.11	0.342	2.06	3.55	6.73	1921
1922	2.45	2.08	22.8	40.3	12.9	1.60	2.89	2.81	1.77	1.08	0.369	0.532	7.88	1922
1923	0.680	0.401	5.01	32.6	13.7	10.1	2.76	1.09	1.49	0.448	1.26	5.04	6.21	1923
1924	6.62	6.15	19.8	33.4	18.9	5.65	2.12	1.59	1.12	2.62	1.31	1.50	8.39	1924
1925	0.425	12.4	38.5	25.6	8.08	3.71	2.00	1.88	0.718	0.772	7.83	13.4	9.59	1925
1926	5.15	3.06	9.32	50.1	16.9	4.76	2.62	1.28	1.13	2.83	---	---	---	1926
1945	---	---	---	---	---	---	---	---	---	5.97	7.25	---	---	1945
1946	---	---	24.7	8.28	4.69	3.28	1.48	0.551	0.752	1.16	2.83	6.87	---	1946
1947	6.17	11.2	14.7	59.6	19.8	30.5	5.13	3.22	1.66	1.43	1.44	2.59	13.0	1947
1948	---	---	32.9	34.5	11.9	6.21	1.56	0.501	0.380	0.630	2.34	2.48	---	1948
1949	4.96	8.58	19.6	31.0	6.17	1.48	0.891	0.595	0.603	0.139	0.700	4.18	6.54	1949
1950	21.4	8.18	12.2	56.0	8.42	3.45	1.08	0.421	0.350	1.17	4.13	7.60	10.3	1950
1951	18.0	11.8	35.3	51.0	13.4	2.69	5.84	1.95	2.98	3.07	13.1	17.8	14.7	1951
1952	14.2	16.9	16.0	47.6	8.84	4.80	1.07	0.950	0.814	0.943	1.11	4.60	9.74	1952
1953	3.95	4.85	20.0	20.1	14.6	4.36	1.56	2.69	2.02	1.49	1.72	5.63	6.93	1953
1954	3.97	10.3	32.8	44.5	17.0	3.78	1.55	1.11	1.31	2.70	7.20	8.21	11.2	1954
1955	5.90	3.24	29.5	43.9	6.18	1.92	1.15	0.654	1.09	15.2	26.8	4.66	11.7	1955
1956	2.74	2.08	3.73	58.0	30.5	13.1	2.36	1.01	0.649	0.577	0.506	2.28	9.83	1956
1957	6.80	4.63	11.1	14.3	5.88	3.30	2.44	1.26	0.532	0.759	1.83	2.06	4.73	1957
1958	5.78	2.23	14.3	23.1	8.63	3.38	1.47	0.661	1.27	2.01	2.30	3.11	5.94	1958
1959	1.93	2.63	8.56	55.5	6.63	1.41	1.40	0.975	1.16	3.30	5.80	13.8	8.89	1959
1960	4.54	7.13	7.39	66.3	17.4	3.45	1.47	1.03	1.18	1.02	1.15	1.07	9.35	1960
1961	0.592	2.76	9.42	23.9	16.9	8.16	3.17	1.68	1.47	1.25	1.66	3.87	6.21	1961
1962	2.10	1.82	13.3	35.0	7.25	2.48	1.00	0.703	0.595	0.950	3.69	6.06	6.16	1962
1963	3.70	2.74	12.0	27.9	11.5	6.64	1.53	1.23	0.623	0.701	2.44	7.10	6.51	1963
1964	8.31	10.1	14.0	23.5	9.83	1.98	0.674	0.724	0.595	0.500	0.416	2.24	6.05	1964
1965	2.37	11.9	17.5	31.1	11.0	1.32	1.01	0.715	0.698	2.60	15.0	21.6	9.69	1965
1966	11.8	7.70	28.2	15.5	3.53	1.76	0.571	0.447	0.490	0.564	6.37	25.7	8.59	1966
1967	10.2	8.65	9.66	30.1	8.18	2.19	1.42	0.754	0.958	5.60	16.1	13.2	8.88	1967
1968	7.49	10.0	20.4	19.8	5.21	5.97	3.15	1.61	7.95	4.05	10.9	16.2	9.35	1968
1969	9.93	11.6	19.9	34.2	23.6	9.62	2.92	2.18	1.17	1.02	6.15	9.43	11.0	1969
1970	4.87	4.34	11.4	34.6	11.9	2.69	2.48	1.16	0.809	1.38	6.65	9.88	7.66	1970
1971	6.86	7.68	13.2	51.6	14.4	1.64	1.17	0.879	1.06	1.54	1.25	5.17	9.82	1971
1972	6.18	5.03	7.49	51.8	20.0	9.19	6.66	3.02	1.51	4.47	14.2	17.4	12.2	1972
1973	19.5	17.8	36.9	30.0	11.3	4.33	1.50	1.48	1.13	0.931	3.69	6.46	11.2	1973
1974	15.9	19.5	25.8	40.1	19.9	---	---	---	---	---	---	---	---	1974
MEAN	6.84	7.25	19.1	36.9	13.1	6.16	2.49	1.30	1.26	2.25	5.43	7.69	9.13	MEAN

LOCATION - LAT 44 16 39 N LONG 076 55 43 W
DRAINAGE AREA, 777 km² REGULATED

NAPANEE RIVER NEAR NAPANEE - STATION NO. 02HM001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1915	---	---	---	---	1915
1916	---	79.3 ON MAR 30	0.623 ON NOV 26	485 000	1916
1917	---	82.1 ON APR 03	0.396 ON SEP 24	265 000	1917
1918	---	79.9 ON APR 02	0.566 ON AUG 25	378 000	1918
1919	---	71.6 ON MAR 19	0.340 ON OCT 01	385 000	1919
1920	---	74.2 ON MAR 27	0.028 ON MAR 03 *	212 000	1920
1921	---	50.7 ON MAR 20	0.028 ON OCT 05	212 000	1921
1922	---	56.4 ON APR 17	0.085 ON SEP 10	248 000	1922
1923	---	57.8 ON APR 14	0.142 ON OCT 03	196 000	1923
1924	---	49.0 ON MAR 29	0.425B ON DEC 28	265 000	1924
1925	---	68.2 ON MAR 19	0.425B ON JAN 01	302 000	1925
1926	---	67.4 ON APR 17	---	---	1926
1945	---	---	---	---	1945
1946	---	37.7B ON MAR 09	0.057 ON AUG 08	---	1946
1947	---	79.9 ON APR 09	0.991 ON NOV 06	410 000	1947
1948	---	---	---	---	1948
1949	---	61.2 ON MAR 30	0.028 ON OCT 20	206 000	1949
1950	---	96.3 ON APR 05 *	0.085 ON SEP 18	326 000	1950
1951	---	86.1 ON MAR 31	0.793 ON JUN 18	464 000	1951
1952	---	79.9 ON APR 06	0.198 ON SEP 18	308 000	1952
1953	---	51.8 ON MAR 28	0.311 ON NOV 08	219 000	1953
1954	---	60.5 ON APR 17	0.680 ON SEP 10	352 000	1954
1955	---	77.9 ON OCT 31	0.085 ON AUG 12	368 000	1955
1956	92.9 AT 22:00 EST ON APR 04	87.8 ON APR 16	0.085 ON SEP 10	311 000	1956
1957	50.4 AT 03:00 EST ON FEB 27	26.1 ON FEB 27	0.085 ON SEP 07	149 000	1957
1958	44.7 AT 12:00 EST ON MAR 31	44.5 ON MAR 31	0.255 ON AUG 18	187 000	1958
1959	101 AT 18:30 EST ON APR 02 *	83.3 ON APR 02	0.453 ON AUG 18	280 000	1959
1960	90.0 AT 04:30 EST ON APR 04	84.7 ON APR 04	0.765B ON DEC 26	296 000	1960
1961	30.0 AT 05:00 EST ON APR 17	29.4 ON APR 17	0.241B ON JAN 31	196 000	1961
1962	58.9 AT 03:00 EST ON MAR 30	57.2 ON MAR 30	0.453E ON SEP 01	194 000	1962
1963	62.3 AT 01:00 EST ON MAR 27	55.6 ON MAR 27	0.566E ON SEP 21	205 000	1963
1964	31.7 AT 14:00 EST ON APR 15	31.4 ON APR 15	0.320 ON NOV 09	191 000	1964
1965	48.7 AT 20:00 EST ON APR 16	47.9 ON APR 17	0.623 ON AUG 30	306 000	1965
1966	---	38.2B ON DEC 20	0.391 ON AUG 17	271 000	1966
1967	51.5 AT 08:00 EST ON APR 03	49.6 ON APR 03	0.374 ON SEP 07	280 000	1967
1968	53.0 AT 04:00 EST ON SEP 12	44.2 ON MAR 23	0.660 ON JUL 30	296 000	1968
1969	67.7 AT 08:00 EST ON MAR 25	61.7 ON MAR 25	0.521 ON OCT 07	346 000	1969
1970	43.9 AT 12:15 EST ON APR 09	43.6 ON APR 09	0.697 ON SEP 14	242 000	1970
1971	76.7 AT 05:45 EST ON APR 14	75.3 ON APR 14	0.765E ON AUG 12	278 000	1971
1972	74.8 AT 03:40 EST ON APR 16	72.5 ON APR 16	1.04 ON SEP 19	386 000	1972
1973	69.9 AT 22:36 EST ON MAR 17	62.9 ON MAR 18	0.538 ON OCT 17	354 000	1973
1974	---	---	---	---	1974
				288 000	MEAN

B - ICE CONDITIONS
E - ESTIMATED

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

KEEBING RIVER NEAR THUNDER BAY - STATION NO. 02AB008

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1953	---	---	---	---	---	---	---	---	---	---	---	---	---	1953
1954	0.092	0.125	0.211	7.63	8.67	1.82	0.090	0.067	0.144 0.124	0.316 0.217	0.300 0.295	0.317 0.149	--- 1.63	1954
1955	0.098	0.096	0.107	6.47	1.60	0.225	0.087	0.082	0.307	1.22	2.56	0.789	1.13	1955
1956	0.087	0.351	0.544	10.5	5.77	1.38	0.960	0.169	6.272	0.131	0.704	0.382	1.78	1956
1957	0.241	0.082	0.622	10.4	2.66	1.51	0.565	0.266	0.142	0.327	0.578	0.098	1.44	1957
1958	0.114	0.056	0.309	1.81	0.972	0.913	0.269	0.122	0.805	1.04	1.55	0.620	0.707	1958
1959	0.141	0.061	0.363	2.83	3.86	1.51	0.235	0.421	1.00	1.79	0.616	0.279	1.10	1959
1960	0.209	0.089	0.028	6.19	3.24	0.814	0.151	0.270	0.154	0.449	1.61	0.431	1.13	1960
1961	0.112	0.069	0.668	3.48	2.62	0.687	1.01	0.257	1.67	1.87	2.14	0.546	1.34	1961
1962	0.181	0.142	0.150	1.89	4.28	1.14	1.05	1.30	0.921	0.229	0.884	0.354	1.23	1962
1963	0.114	0.028	0.168	1.78	1.84	0.549	0.347	0.115	0.623	0.685	0.456	0.300	1.18	1963
1964	0.200	0.142	0.113	9.05	9.76	4.47	0.858	0.484	0.491	0.992	0.984	0.362	2.32	1964
1965	0.283	0.283	0.283	9.49	6.75	0.967	0.333	0.270	2.05	3.96	0.775	0.750	2.19	1965
1966	0.447	0.416	1.62	12.1	4.66	0.918	0.125	0.163	0.120	0.322	0.217	0.259	1.47	1966
1967	0.186	0.117	0.491	7.54	3.12	1.46	0.295	0.328	0.158	0.208	0.208	0.112	1.18	1967
1968	0.065	0.067	2.19	4.41	4.18	7.41	6.19	2.90	1.83	3.50	1.46	0.785	2.92	1968
1969	0.553	0.394	0.292	11.2	2.35	1.80	0.322	0.361	0.157	0.416	0.364	0.206	1.52	1969
1970	0.174	0.104	0.091	7.52	10.4	2.21	0.478	0.080	0.146	2.03	4.03	2.11	2.46	1970
1971	0.443	0.044	0.189	15.2	9.15	1.98	0.769	0.221	0.331	3.12	3.31	1.17	3.17	1971
1972	0.387	0.164	0.465	8.40	6.38	2.34	1.84	0.352	0.484	0.890	0.839	0.004	1.86	1972
1973	0.170	0.124	2.76	4.40	7.02	2.35	2.47	3.53	4.67	2.55	5.00	0.943	2.76	1973
1974	0.185	0.195	0.179	9.03	7.26	3.23	0.739	0.313	0.777	1.21	1.79	0.578	2.12	1974
1975	0.801	0.495	0.446	7.34	2.78	1.15	0.348	0.091	0.219	0.350	0.645	0.401	1.25	1975
1976	0.193	0.116	0.119	13.5	1.74	1.67	0.287	0.048	0.062	0.084	0.086	0.048	1.42	1976
1977	0.033	0.030	0.176	0.572	0.420	0.432	0.267	0.768	13.1	2.74	2.05	0.575	1.96	1977
1978	0.307	0.150	0.153	6.14	4.10	2.54	0.796	0.185	0.143	0.282	0.184	0.098	1.26	1978
1979	0.079	0.063	0.134	9.82	8.17	1.57	0.128	0.072	0.251	0.404	0.683	0.169	1.78	1979
1980	0.115	0.087	0.079	4.84	1.42	0.239	0.353	0.386	4.45	2.26	1.28	0.411	1.32	1980
1981	0.229	0.306	1.24	9.62	3.28	4.46	0.712	0.122	0.192	1.25	0.879	0.180	1.86	1981
1982	0.144	0.123	0.172	6.23	4.51	1.74	4.98	2.00	1.37	6.15	5.03	0.628	2.77	1982
1983	0.276	0.432	2.20	6.78	3.61	2.55	1.19	0.434	0.526	2.19	2.73	0.938	1.98	1983
1984	0.444	0.386	0.354	5.09	4.14	3.48	1.31	1.05	1.37	1.30	1.13	1.32	1.78	1984
1985	0.261	0.092	0.185	4.13	4.91	3.98	1.64	2.93	5.41	5.12	2.18	0.615	2.63	1985
1986	0.332	0.228	0.442	12.5	4.29	2.00	0.795	0.319	0.582	0.862	1.59	0.332	1.96	1986
1987	0.184	0.165	0.219	1.33	1.64	0.606	0.162	0.258	0.781	0.820	0.854	0.170	0.580	1987
1988	0.050	0.048	0.117	1.48	1.67	0.936	0.117	0.502	0.648	0.753	2.73	0.405	0.752	1988
1989	0.161	0.125	0.111	5.13	4.26	2.25	0.579	0.248	0.417	0.320	0.296	0.117	1.17	1989
1990	0.069	0.058	1.04	2.65	3.57	2.89	2.09	0.222	0.183	1.10	0.647	0.339	1.24	1990
MEAN	0.229	0.158	0.539	6.85	4.23	2.04	0.942	0.611	1.25	1.44	1.46	0.483	1.69	MEAN

LOCATION - LAT 48 22 56 N
LONG 089 18 28 W

DRAINAGE AREA, 187 km²
NATURAL FLOW

KEEBING RIVER NEAR THUNDER BAY - STATION NO. 02AB008

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1953	---	---	---	---	1953
1954	52.4 AT 00:30 CST ON MAY 02	38.2 ON MAY 02	0.028 ON JUL 31	51 300	1954
1955	---	18.8 ON APR 11	0.011 ON SEP 08	35 700	1955
1956	---	19.1 ON APR 21	0.057 ON AUG 18	36 700	1956
1957	36.8 A AT 14:00 CST ON APR 25	34.3 A ON APR 25	0.028B ON FEB 05	45 400	1957
1958	7.53E AT 01:00 CST ON NOV 19	6.80E ON NOV 18	0.028B ON JAN 01	22 300	1958
1959	8.75 AT 10:30 CST ON MAY 22	8.44 ON MAY 22	0.042B ON FEB 22	34 600	1959
1960	---	21.0 A ON APR 15	0.028B ON FEB 24	35 800	1960
1961	---	9.66A ON APR 22	0.057B ON JAN 24	42 300	1961
1962	---	10.5 ON APR 29	0.142B ON JAN 11	38 800	1962
1963	---	6.18 ON JUN 11	0.028B ON FEB 01	37 100	1963
1964	---	29.2 A ON MAY 07	0.113B ON MAR 01	73 400	1964
1965	25.5 AT 12:00 CST ON OCT 01	24.4 ON OCT 01	0.170 ON JUL 30	68 900	1965
1966	28.9 B AT 23:50 CST ON APR 16	23.7 B ON APR 16	0.076 ON JUL 17	55 800	1966
1967	---	16.5 A ON APR 17	0.028B ON DEC 31	37 300	1967
1968	73.6 E AT 18:30 CST ON JUL 16	49.3 E ON JUL 16	0.021B ON FEB 14	92 400	1968
1969	---	33.4 B ON APR 14	0.096 ON AUG 31	48 000	1969
1970	26.4 AT 21:30 CST ON APR 30	25.7 ON APR 30	0.028E ON AUG 19	77 600	1970
1971	74.0 AT 01:23 CST ON MAY 25 *	64.6 ON MAY 25 *	0.016B ON FEB 25	99 900	1971
1972	32.3 AT 01:34 CST ON APR 27	27.9 ON APR 29	0.025B ON DEC 15	68 900	1972
1973	40.5 AT 04:47 CST ON AUG 20	33.1 ON AUG 20	0.025B ON MAR 06	87 900	1973
1974	31.4 B AT 22:22 CST ON APR 17	27.5 B ON APR 18	0.116B ON APR 08	66 900	1974
1975	---	17.5 B ON APR 18	0.062 ON AUG 13	39 400	1975
1976	55.8 AT 05:00 CST ON APR 17	45.3 ON APR 17	0.034 ON AUG 29	46 000	1976
1977	74.2 E AT 11:30 EST ON SEP 09	60.0 ON SEP 25	0.028B ON FEB 11	58 500	1977
1978	---	16.5 ON APR 28	0.085 ON SEP 12	39 600	1978
1979	44.3 AT 07:30 EST ON MAY 11	41.6 ON MAY 11	0.008 ON SEP 19 *	56 100	1979
1980	18.4 AT 14:52 EST ON SEP 20	16.5 ON SEP 20	0.046 ON JUL 13	41 700	1980
1981	---	21.0 B ON APR 02	0.077 ON AUG 28	58 800	1981
1982	30.1 AT 10:33 EST ON JUL 07	26.5 ON JUL 07	0.117B ON FEB 11	87 300	1982
1983	16.9 AT 23:56 EST ON APR 26	16.5 ON APR 26	0.106 ON AUG 28	62 300	1983
1984	10.8 AT 21:21 EST ON MAY 09	10.4 ON MAY 09	0.242 ON SEP 27	56 300	1984
1985	15.3 AT 13:05 EST ON JUN 23	14.2 ON JUN 23	0.082B ON FEB 27	82 900	1985
1986	23.4 AT 01:07 EST ON APR 03	21.1 ON APR 03	0.189B ON MAR 11	62 000	1986
1987	2.93 AT 02:46 EST ON MAY 24	2.75 ON MAY 23	0.056B ON DEC 31	18 500	1987
1988	14.0 AT 02:03 EST ON NOV 17	12.3 ON NOV 17	0.048B ON JAN 10	23 800	1988
1989	11.6 AT 00:15 EST ON APR 23	10.3 ON APR 26	0.085B ON DEC 31	36 800	1989
1990	13.2 AT 02:22 EST ON APR 29	12.4 ON APR 29	0.058B ON FEB 09	39 200	1990
				53 400	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX)
B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

NIAGARA RIVER AT QUEENSTON - STATION NO. 02HA003

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1860	6 650	6 260	6 570	6 820	7 190	7 110	6 940	6 910	6 680	6 480	6 880	6 570	6 760	1860
1861	6 230	5 890	6 530	6 820	7 190	7 140	6 970	6 880	6 910	6 940	6 940	6 850	6 750	1861
1862	6 770	6 400	6 540	7 080	7 310	7 220	7 220	7 020	6 910	6 710	6 600	6 650	6 970	1862
1863	6 800	6 820	6 820	6 820	6 850	6 880	6 630	6 600	6 430	6 230	6 340	6 260	6 630	1863
1864	5 890	5 830	6 000	6 260	6 850	6 740	6 460	6 400	6 290	6 170	6 230	6 290	6 290	1864
1865	5 830	5 300	5 550	5 950	6 310	6 370	6 260	6 170	6 140	6 090	6 000	6 030	6 000	1865
1866	5 660	5 440	5 720	6 000	6 260	6 430	6 340	6 290	6 170	6 230	6 030	6 400	6 100	1866
1867	6 030	5 660	5 970	6 120	6 540	6 740	6 540	6 310	6 090	5 970	6 030	5 750	6 150	1867
1868	5 440	5 070	5 470	5 920	6 310	6 570	6 400	6 230	6 120	5 920	5 890	5 780	5 930	1868
1869	5 580	5 380	5 750	5 860	6 230	6 400	6 570	6 570	6 340	6 400	6 140	6 400	6 140	1869
1870	6 370	6 370	6 290	6 630	6 850	6 800	6 740	6 710	6 600	6 460	6 460	6 400	6 560	1870
1871	6 090	5 720	6 060	6 290	6 570	6 540	6 460	6 370	6 290	5 950	6 000	5 780	6 180	1871
1872	5 550	5 240	5 830	5 300	5 660	5 830	5 750	5 750	5 660	5 640	5 610	5 520	5 560	1872
1873	5 240	5 100	5 210	5 920	6 460	6 460	6 370	6 340	6 140	6 030	5 890	5 370	5 980	1873
1874	6 430	6 310	6 400	6 430	6 570	6 570	6 510	6 400	6 170	5 970	5 890	5 800	6 290	1874
1875	5 470	5 210	5 350	5 520	5 920	6 120	6 140	6 140	6 120	5 890	5 970	6 170	5 840	1875
1876	5 950	6 140	6 630	6 910	7 220	7 460	7 080	6 910	6 850	6 570	6 820	6 650	6 750	1876
1877	6 140	5 950	5 830	6 030	6 570	6 570	6 370	6 290	6 290	6 140	6 260	6 370	6 190	1877
1878	6 230	6 170	6 290	6 480	6 770	6 710	6 630	6 480	6 460	6 310	6 370	6 480	6 450	1878
1879	6 030	5 780	5 830	6 000	6 170	6 200	6 140	6 000	5 830	5 800	5 690	5 890	5 950	1879
1880	6 000	5 890	6 030	6 060	6 310	6 340	6 340	6 170	6 090	5 950	6 090	5 920	6 100	1880
1881	6 470	6 360	6 640	5 950	6 310	6 460	6 340	6 120	5 950	6 030	6 090	6 260	6 000	1881
1882	6 400	6 230	6 600	6 650	6 800	6 940	6 850	6 770	6 650	6 460	6 430	6 140	6 590	1882
1883	6 290	6 060	6 060	6 060	6 460	6 850	6 910	6 880	6 740	6 630	6 570	6 170	6 470	1883
1884	6 230	6 230	6 400	6 680	6 970	6 970	6 740	6 650	6 430	6 310	6 170	6 170	6 500	1884
1885	5 890	5 610	5 550	6 000	6 570	6 880	6 770	6 800	6 740	6 770	6 880	6 880	6 450	1885
1886	6 710	6 090	6 000	6 510	6 800	6 820	6 740	6 600	6 480	6 430	6 430	6 430	6 510	1886
1887	6 090	6 230	6 680	6 650	6 950	6 880	6 650	6 430	6 260	6 340	6 060	6 060	6 430	1887
1888	5 920	5 820	5 640	6 030	6 200	6 260	6 290	6 230	6 060	5 950	5 920	6 120	6 010	1888
1889	5 890	5 750	5 580	5 780	5 970	6 230	6 120	6 120	5 890	5 610	5 640	5 830	5 870	1889
1890	6 120	6 000	6 230	6 370	6 680	6 850	6 540	6 260	6 060	6 090	6 290	6 120	6 300	1890
1891	5 800	5 750	5 920	5 970	5 920	5 830	5 830	5 690	5 580	5 410	5 410	5 470	5 710	1891
1892	5 300	4 840	5 070	5 320	5 920	6 370	6 400	6 170	6 060	5 860	5 720	5 660	5 730	1892
1893	5 100	5 040	5 300	5 690	6 230	6 400	6 230	6 060	5 730	5 720	5 720	5 720	5 730	1893
1894	5 610	5 380	5 520	5 610	5 950	6 230	6 000	5 920	5 720	5 680	5 690	5 640	5 490	5 710	1894
1895	5 350	4 870	4 930	5 010	5 320	5 320	5 180	5 130	5 180	5 070	4 910	5 040	5 100	1895
1896	4 980	4 870	4 790	5 070	5 440	5 380	5 380	5 550	5 320	5 180	5 270	5 150	5 200	1896
1897	5 270	4 980	5 380	5 660	6 030	5 950	5 830	5 780	5 610	5 350	5 440	5 410	5 560	1897
1898	5 350	5 300	5 640	5 270	6 140	6 120	5 860	5 830	5 660	5 640	5 440	5 720	5 740	1898
1899	5 610	5 180	5 520	5 580	5 860	5 920	5 780	5 550	5 490	5 270	5 350	5 610	5 560	1899
1900	5 380	5 300	5 490	5 660	5 860	5 860	5 750	5 720	5 610	5 380	5 550	5 520	5 590	1900
1901	5 380	4 870	4 900	4 980	5 150	5 410	5 320	5 320	5 380	5 300	5 270	5 270	5 320	1901
1902	5 180	4 760	4 960	5 300	5 520	5 640	5 950	5 920	5 750	5 830	5 720	5 660	5 520	1902
1903	5 580	5 350	5 690	6 120	6 250	6 340	6 120	5 950	5 920	5 830	5 660	5 660	5 860	1903
1904	4 980	5 100	5 520	6 140	6 460	6 570	6 400	6 230	6 090	5 970	5 830	5 750	5 920	1904
1905	5 380	5 070	5 210	5 470	5 920	6 230	6 310	6 200	6 120	6 030	5 800	5 920	5 810	1905
1906	5 760	5 490	5 440	5 640	5 860	5 950	5 950	5 890	5 780	5 780	5 860	5 970	5 780	1906
1907	6 170	5 830	5 780	5 970	6 200	6 310	6 430	6 170	6 150	6 060	6 030	6 060	6 100	1907
1908	6 090	5 720	5 950	6 340	6 570	6 480	6 340	6 230	5 970	5 750	5 580	5 440	5 720	5 730	1908
1909	5 240	5 270	5 470	5 610	6 200	6 260	6 200	5 970	5 750	5 580	5 440	5 720	5 730	1909
1910	5 150	4 930	5 350	5 550	6 000	5 950	5 800	5 640	5 440	5 580	5 520	5 350	5 530	1910
1911	5 100	4 870	5 040	5 150	5 550	5 520	5 410	5 240	5 130	5 240	5 350	5 440	5 270	1911
1912	5 270	4 870	4 980	5 640	5 970	5 950	5 780	5 830	5 860	5 750	5 860	5 800	5 630	1912
1913	5 780	5 920	5 860	6 710	6 820	6 680	6 480	6 200	5 860	5 920	5 860	5 860	6 160	1913
1914	5 610	5 410	5 210	5 640	6 140	6 170	5 950	5 800	5 690	5 550	5 610	5 320	5 680	1914
1915	4 980	4 980	5 180	5 070	5 350	5 410	5 490	5 660	5 640	5 640	5 610	5 410	5 370	1915
1916	5 610	5 610	5 440	5 800	6 200	6 340	6 200	6 000	5 830	5 690	5 580	5 580	5 820	1916
1917	5 380	5 100	5 380	5 800	6 230	6 540	6 540	6 510	6 290	6 290	6 260	6 140	6 050	1917
1918	5 520	5 270	5 690	5 550	5 720	5 830	5 780	5 740	5 800	5 690	5 860	5 690	5 680	1918
1919	5 860	5 640	5 780	6 090	6 540	6 510	6 260	6 170	5 970	5 780	5 860	5 660	6 010	1919
1920	5 040	4 670	4 840	5 150	5 660	5 750	5 780	5 720	5 660	5 610	5 610	5 800	5 440	1920
1921	5 240	5 120	5 010	5 860	6 120	6 000	5 920	5 640	5 580	5 380	5 270	5 660	5 650	1921
1922	5 630	4 900	5 010	5 750	5 920	5 970	5 780	5 660	5 550	5 440	5 350	5 130	5 480	1922
1923	4 730	4 730	4 930	5 130	5 410	5 520	5 300	5 210	5 070	4 980	4 930	5 210	5 120	1923
1924	5 470	4 900	4 980	5 270	5 690	5 660	5 660	5 490	5 380	5 350	5 300	5 180	5 360	1924
1925	4 590	4 500	4 840	4 930	5 130	5 040	4 930	4 840	4 790	4 810	4 930	4 900	4 850	1925
1926	4 150	3 990	4 400	4 760	4 740	5 110	4 950	4 900	4 950	4 350	4 570	4 770	4 550	1926
1927	4 820	4 840	4 940	5 270	5 510	5 610	5 510	5 390	5 270	5 110	5 140	5 140	5 270	1927
1928	5 470	5 100	5 160	5 270	5 490	5 830	5 900	5 740	5 600	5 500	5 610	5 670	5 510	1928
1929	5 460	5 360	5 810	6 420	7 040	6 910	6 820	6 550	6 280	6 090	6 340	6 110	6 270	1929
1930	6 300	6 090	6 410	6 210	6 680	6 640	6 380	6 040	5 940	5 710	5 620	5 500	6 130	1930
1931	5 250	4 950	4 810	5 060	5 200	5 180	5 170	5 080	5 000	4 900	4 890	4 930	5 040	1931
1932	5 380	5 480	5 230	5 250	5 400	5 370	5 300	5 090	4 890	4 790	4 720	4 820	5 140	1932
1933	4 940	4 660	4 590	4 850	5 520	5 500	5 180	4 980	4 820	4 710	4 610	4 500	4 910	1933
1934	4 420	4 020	4 130	4 480	4 530	4 470	4 360	4 370	4 340	4 320	4 190	4 290	4 330	1934
1935	4 200	4 080	4 270	4 380	4 640	4 730	4 660	4 750	4 590	4 470	4 410	4 420	4 470	1935
1936	4 020	3 920	4 450	4 860	4 880	4 970	4 800	4 650	4 550	4 670	4 750	4 500	4 540	1936
1937	5 000	5 240	5 050	5 290	5 650	5 690	5 850	5 620	5 550	5 120	5 070	4 920	5 320	1937
1938	4 480	4 590	5 060	5 470	5 560	5 510	5 460	5 570	5 330	5 160	5 210	5 190	5 220	1938
1939	4 850	4 740	5 070	5 240	5 600	5 670	5 520	5 520	5 280	5 230	5 060	5 170	5 250	1939
1940	4 620	4 530	4 750	5 260	5 370	5 640	5 520	5 280	5 350	5 140	5 270	5 300	5 170	1940
1941	5 260	5 140	5 000	5 080	5 440	5 120	5 080	5 000	4 920	4 830	5 010	4 850	5 040	1941
1942	4 570	4 560	4 950	5 140	5 610	5 600	5 620	5 630	5 570	4 460	4 600	4 630	5 360	1942
1943	5 250	5 440	5 540	5 580	6 290	6 730	6 570	6 480	6 250	5 950	6 010	5 900	6 000	1943
1944	5 400	5 310	5 430	5 810	6 190	6 260	6 050	5 850	5 750	5 570	5 420	5 530	5 720	1944

CONTINUED

NIAGARA RIVER AT QUEENSTON - STATION NO. 02HA003 (CONTINUED)

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1945	4 990	5 110	5 640	5 900	6 180	6 220	6 180	6 150	6 010	6 360	6 120	6 070	5 920	1945
1946	5 870	5 830	5 750	5 910	5 910	6 130	6 050	5 990	5 700	5 850	5 630	5 600	5 800	1946
1947	5 170	5 060	5 330	5 780	6 100	6 900	6 620	6 350	6 270	5 900	5 950	5 930	5 940	1947
1948	5 520	5 490	5 870	6 150	6 340	6 480	6 290	6 130	5 840	5 660	5 720	5 590	5 960	1948
1949	5 710	5 780	5 740	5 810	5 790	5 640	5 540	5 410	5 390	5 140	5 110	5 120	5 510	1949
1950	5 580	5 680	5 740	5 980	6 210	6 130	5 860	5 660	5 590	5 530	5 670	5 880	5 790	1950
1951	5 830	5 710	5 880	6 470	6 580	6 470	6 290	6 110	6 300	5 990	6 020	6 170	6 120	1951
1952	6 490	6 610	6 790	7 040	7 130	6 860	6 610	6 510	6 470	6 220	6 030	6 100	6 570	1952
1953	6 060	6 260	6 290	6 360	6 390	6 150	6 280	6 250	6 120	5 910	5 810	6 060	6 170	1953
1954	5 590	5 540	5 990	6 370	6 510	6 270	6 040	6 080	5 970	6 240	6 340	6 110	6 110	1954
1955	6 450	6 160	6 580	6 760	6 730	6 460	6 180	6 120	5 860	5 940	6 070	5 800	6 260	1955
1956	5 460	5 170	5 450	5 790	6 300	6 180	6 020	6 080	6 050	5 630	5 640	5 520	5 760	1956
1957	5 460	5 280	5 350	5 850	5 930	5 880	6 010	5 710	5 630	5 320	5 500	5 480	5 620	1957
1958	5 490	5 000	5 090	5 360	5 180	5 180	5 260	5 250	5 190	5 030	5 080	4 880	5 140	1958
1959	4 710	4 860	5 220	5 400	5 600	5 580	5 310	5 130	4 950	5 060	5 220	5 210	5 190	1959
1960	5 510	5 450	5 280	5 570	5 930	6 030	5 940	5 740	5 670	5 530	5 640	5 480	5 650	1960
1961	5 120	5 180	5 460	5 920	6 190	6 250	6 010	5 880	5 820	5 520	5 380	5 460	5 700	1961
1962	5 000	4 850	5 270	5 390	5 530	5 510	5 190	5 130	5 050	5 070	4 860	5 180	5 150	1962
1963	4 710	4 440	4 990	5 090	5 280	5 240	5 010	4 900	4 550	4 440	4 580	4 630	4 830	1963
1964	3 960	3 980	4 620	4 920	5 190	5 060	4 800	4 700	4 590	4 490	4 330	4 270	4 580	1964
1965	4 360	4 570	4 820	4 910	5 110	5 200	4 990	4 840	4 810	4 940	4 980	4 920	4 870	1965
1966	4 980	5 060	5 250	5 290	5 630	5 570	5 440	5 370	5 180	5 050	4 960	5 430	5 270	1966
1967	5 380	5 260	5 200	5 680	5 850	5 600	5 590	5 490	5 330	5 500	5 640	5 630	5 510	1967
1968	5 470	6 100	5 820	5 950	6 000	6 070	6 050	5 890	5 800	5 720	5 600	5 920	5 860	1968
1969	5 670	5 920	5 900	6 140	6 710	6 710	6 610	6 520	6 290	6 160	6 050	6 010	6 230	1969
1970	5 590	5 660	5 720	6 040	6 200	6 150	6 150	5 950	5 970	5 850	6 000	6 050	5 940	1970
1971	6 020	5 850	6 140	6 140	6 140	6 400	6 080	5 980	5 930	5 880	5 860	5 970	6 030	1971
1972	6 120	5 850	6 260	6 360	6 660	6 700	6 670	6 530	6 410	6 490	6 670	7 000	6 480	1972
1973	6 970	6 700	7 190	7 540	7 460	7 430	7 330	7 030	6 740	6 570	6 630	6 580	7 020	1973
1974	6 590	6 750	7 150	7 550	7 560	7 300	7 080	6 750	6 580	6 360	6 410	6 520	6 890	1974
1975	6 770	6 680	6 760	7 100	6 960	6 980	6 830	6 620	6 770	6 590	6 550	6 480	6 760	1975
1976	6 330	6 500	7 170	7 350	7 280	7 010	6 980	6 990	6 640	6 420	6 360	5 890	6 720	1976
1977	5 550	5 440	5 780	6 130	6 490	6 320	6 200	6 230	6 270	6 180	6 110	6 450	6 100	1977
1978	5 920	5 930	6 150	6 660	6 700	6 770	6 280	6 220	5 950	5 980	5 750	5 960	6 190	1978
1979	5 690	5 590	5 950	6 400	6 620	6 630	6 430	6 520	6 390	6 490	6 350	6 500	6 300	1979
1980	6 530	6 200	6 420	6 900	6 920	6 890	6 750	6 790	6 710	6 500	6 130	6 100	6 570	1980
1981	5 730	5 840	6 050	6 090	6 390	6 600	6 430	6 420	6 500	6 390	6 380	6 280	6 260	1981
1982	5 220	5 920	6 450	6 600	6 560	6 760	6 330	6 250	5 990	5 880	6 170	6 350	6 290	1982
1983	6 420	6 150	6 230	6 530	6 810	6 510	6 610	6 720	6 480	6 240	6 330	6 680	6 470	1983
1984	6 020	6 220	6 540	6 760	6 680	6 630	6 560	6 480	6 380	6 230	6 320	6 360	6 430	1984
1985	6 240	5 720	6 840	7 460	7 390	7 270	6 880	6 660	6 550	6 490	6 820	7 410	6 820	1985
1986	6 420	6 690	7 320	7 100	7 500	7 610	7 510	7 190	6 880	7 220	7 030	7 330	7 170	1986
1987	7 240	6 900	6 880	7 190	6 980	6 830	6 900	6 640	6 550	6 380	6 140	6 370	6 750	1987
1988	6 140	6 100	6 140	6 220	6 280	6 040	5 740	5 880	5 610	5 630	5 680	5 700	5 930	1988
1989	5 700	5 520	5 380	5 960	6 100	6 370	6 100	6 090	5 820	5 660	5 880	5 390	5 830	1989
1990	5 540	5 790	6 020	6 290	6 320	6 180	5 900	5 940	6 060	6 040	5 950	6 130	6 010	1990
MEAN	5 600	5 460	5 660	5 920	6 170	6 210	6 090	5 980	5 860	5 760	5 770	5 790	5 860	MEAN

LOCATION - LAT 43 09 25 N DRAINAGE AREA, 686 000 km²
LONG 079 02 50 W REGULATED SINCE 1955

REMARKS - DAILY DISCHARGES PRIOR TO 1926 ARE NOT AVAILABLE. DISCHARGES INCLUDE FLOW FROM WELLAND CANAL TO WELLAND RIVER

NIAGARA RIVER AT QUEENSTON - STATION NO. 02HA003

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1860	---	---	---	213 000 000	1860
1861	---	---	---	213 000 000	1861
1862	---	---	---	217 000 000	1862
1863	---	---	---	209 000 000	1863
1864	---	---	---	199 000 000	1864
1865	---	---	---	189 000 000	1865
1866	---	---	---	193 000 000	1866
1867	---	---	---	194 000 000	1867
1868	---	---	---	187 000 000	1868
1869	---	---	---	194 000 000	1869
1870	---	---	---	206 000 000	1870
1871	---	---	---	195 000 000	1871
1872	---	---	---	176 000 000	1872
1873	---	---	---	188 000 000	1873
1874	---	---	---	198 000 000	1874
1875	---	---	---	184 000 000	1875
1876	---	---	---	211 000 000	1876
1877	---	---	---	195 000 000	1877
1878	---	---	---	203 000 000	1878
1879	---	---	---	187 000 000	1879
1880	---	---	---	193 000 000	1880
1881	---	---	---	189 000 000	1881
1882	---	---	---	207 000 000	1882
1883	---	---	---	204 000 000	1883
1884	---	---	---	206 000 000	1884
1885	---	---	---	203 000 000	1885
1886	---	---	---	205 000 000	1886
1887	---	---	---	203 000 000	1887
1888	---	---	---	190 000 000	1888
1889	---	---	---	185 000 000	1889
1890	---	---	---	199 000 000	1890
1891	---	---	---	181 000 000	1891
1892	---	---	---	181 000 000	1892
1893	---	---	---	181 000 000	1893
1894	---	---	---	180 000 000	1894
1895	---	---	---	161 000 000	1895
1896	---	---	---	164 000 000	1896
1897	---	---	---	175 000 000	1897
1898	---	---	---	181 000 000	1898
1899	---	---	---	175 000 000	1899
1900	---	---	---	176 000 000	1900
1901	---	---	---	165 000 000	1901
1902	---	---	---	175 000 000	1902
1903	---	---	---	185 000 000	1903
1904	---	---	---	187 000 000	1904
1905	---	---	---	183 000 000	1905
1906	---	---	---	182 000 000	1906
1907	---	---	---	193 000 000	1907
1908	---	---	---	192 000 000	1908
1909	---	---	---	181 000 000	1909
1910	---	---	---	175 000 000	1910
1911	---	---	---	166 000 000	1911
1912	---	---	---	178 000 000	1912
1913	---	---	---	194 000 000	1913
1914	---	---	---	179 000 000	1914
1915	---	---	---	169 000 000	1915
1916	---	---	---	184 000 000	1916
1917	---	---	---	191 000 000	1917
1918	---	---	---	179 000 000	1918
1919	---	---	---	189 000 000	1919
1920	---	---	---	172 000 000	1920
1921	---	---	---	178 000 000	1921
1922	---	---	---	171 000 000	1922
1923	---	---	---	162 000 000	1923
1924	---	---	---	169 000 000	1924
1925	---	---	---	153 000 000	1925
1926	---	---	---	153 000 000	1926
1927	---	6 540 ON DEC 16	3 570 ON JAN 08	166 000 000	1927
1928	---	7 390 ON DEC 08	3 280 ON FEB 20	175 000 000	1928
1929	---	7 220 ON JAN 20	4 450 ON FEB 02	198 000 000	1929
		8 440 ON MAY 03	4 420 ON JAN 16		
1930	---	7 560 ON JAN 15	5 150 ON DEC 04	193 000 000	1930
1931	---	5 830 ON JAN 13	4 250 ON DEC 31	159 000 000	1931
1932	---	6 800 ON MAR 07	4 080 ON OCT 18	163 000 000	1932
1933	---	5 720 ON MAY 27	3 680 ON FEB 12	155 000 000	1933
1934	---	5 150 ON DEC 04	3 600 ON JAN 04	137 000 000	1934
1935	---	5 410 ON OCT 03	3 450 ON FEB 06	141 000 000	1935
1936	---	5 720 ON MAR 27	2 780 ON FEB 07	144 000 000	1936
1937	---	6 600 ON JUL 26	4 130 ON JAN 06	168 000 000	1937
1938	---	6 630 ON DEC 27	3 450 ON JAN 18	165 000 000	1938
1939	---	6 230 ON JUN 12	3 600 ON JAN 30	166 000 000	1939
1940	---	6 650 ON NOV 12	3 910 ON JAN 24	163 000 000	1940
1941	---	6 230 ON JAN 05	4 190 ON NOV 06	159 000 000	1941
1942	---	7 220 ON DEC 03	3 820 ON JAN 13	169 000 000	1942
1943	---	6 940 ON OCT 17	3 850 ON JAN 22	189 000 000	1943
1944	---	6 680 ON JUN 24	4 470 ON MAR 04	181 000 000	1944
1945	---	7 360 ON OCT 02	3 820 ON JAN 07	187 000 000	1945
1946	---	6 880 ON JAN 13	4 870 ON FEB 19	183 000 000	1946
1947	---	7 360 ON JUN 15	3 960 ON APR 21	187 000 000	1947
1948	---	7 290 ON MAY 08	4 670 ON JAN 29	188 000 000	1948
1949	---	6 740 ON JAN 06	4 470 ON NOV 12	174 000 000	1949
1950	---	6 880 ON JAN 14	4 700 ON FEB 13	183 000 000	1950
1951	---	7 670 ON DEC 22	4 840 ON JAN 28	193 000 000	1951
1952	---	7 730 ON JAN 23	5 490 ON NOV 22	208 000 000	1952
1953	---	7 360 ON MAR 05	5 240 ON JAN 08	195 000 000	1953
1954	---	7 250 ON OCT 16	4 640 ON JAN 23	193 000 000	1954

CONTINUED

NIAGARA RIVER AT QUEENSTON - STATION NO. 02HA003 (CONTINUED)

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE	MAXIMUM DAILY DISCHARGE	MINIMUM DAILY DISCHARGE	TOTAL DISCHARGE	YEAR
1955	---	8 470 CH NOV 17	5 320 CH FEB 02	197 000 000	1955
1956	---	6 880 CH MAY 14	4 560 CH JAN 08	182 000 000	1956
1957	---	7 250 CH NOV 09	4 760 CH APR 04	177 000 000	1957
1958	---	6 290 CH JAN 01	4 330 CH NOV 16	162 000 000	1958
1959	---	6 120 CH JAN 22	4 160 CH JAN 07	164 000 000	1959
1960	---	6 630 CH NOV 30	4 330 CH MAR 03	179 000 000	1960
1961	---	6 650 CH APR 26	4 330 CH JAN 15	180 000 000	1961
1962	---	6 140 CH JAN 07	3 990 CH JAN 13	163 000 000	1962
1963	---	6 880 CH JAN 14	3 820 CH JAN 26	152 000 000	1963
1964	---	5 550 CH MAR 26	2 440 CH JAN 12 *	145 000 000	1964
1965	---	5 920 CH NOV 27	3 540 CH JAN 16	154 000 000	1965
1966	---	6 310 CH DEC 29	4 050 CH JAN 29	166 000 000	1966
1967	---	6 400 CH DEC 22	4 280 CH FEB 19	174 000 000	1967
1968	---	7 530 CH DEC 05	4 560 CH JAN 13	185 000 000	1968
1969	---	7 190 CH JUN 03	4 470 CH JAN 05	196 000 000	1969
1970	---	7 360 CH NOV 23	4 840 CH JAN 11	187 000 000	1970
1971	---	7 280 CH JAN 27	4 870 CH OCT 24	190 000 000	1971
1972	---	8 070 CH DEC 16	4 960 CH FEB 06	205 000 000	1972
1973	---	8 330 CH MAR 18	5 720 CH JAN 13	221 000 000	1973
1974	---	8 330 CH APR 15	4 980 CH DEC 01	217 000 000	1974
1975	---	8 330 CH FEB 26	5 320 CH OCT 18	213 000 000	1975
1976	---	8 010 CH MAR 07	4 730 CH DEC 25	212 000 000	1976
1977	---	7 450 CH DEC 09	5 100 CH JAN 09	192 000 000	1977
1978	---	8 010 CH JAN 10	5 010 CH JAN 14	195 000 000	1978
1979	---	7 790 CH APR 06	4 900 CH FEB 25	199 000 000	1979
1980	---	7 960 CH JAN 12	5 440 CH DEC 28	208 000 000	1980
1981	---	7 140 CH SEP 10	5 070 CH APR 12	197 000 000	1981
1982	---	8 300 CH JAN 11	5 210 CH OCT 10	198 000 000	1982
1983	---	7 840 CH DEC 24	5 130 CH FEB 12	204 000 000	1983
1984	---	7 260 CH MAR 23	5 320 CH JAN 01	203 000 000	1984
1985	---	9 760 CH DEC 02 *	4 860 CH JAN 26	215 000 000	1985
1986	---	8 360 CH DEC 04	5 370 CH JAN 07	226 000 000	1986
1987	---	8 070 CH JAN 12	5 570 CH NOV 01	213 000 000	1987
1988	---	6 980 CH JAN 05	4 920 CH DEC 11	187 000 000	1988
1989	---	6 630 CH NOV 17	4 730 CH MAR 07	184 000 000	1989
1990	---	7 030 CH MAY 18	4 870 CH FEB 03	190 000 000	1990
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		185 000 000	MEAN

NIPIGON RIVER AT PINE PORTAGE - STATION NO. 02AD008

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1950	---	---	---	---	---	505	557	513	430	309	344	390	---	1950
1951	388	460	499	525	318	423	323	322	387	370	327	422	388	1951
1952	441	440	505	507	302	281	316	294	296	372	315	288	358	1952
1953	479	288	296	270	274	326	430	348	333	346	335	365	323	1953
1954	447	496	495	455	508	556	537	471	333	331	398	416	453	1954
1955	439	442	485	409	404	342	322	324	346	349	349	341	379	1955
1956	371	379	320	304	269	372	333	325	314	319	342	336	337	1956
1957	318	336	359	326	209	305	493	397	346	333	355	368	351	1957
1958	387	391	330	268	318	344	383	413	360	353	394	435	365	1958
1959	471	481	462	367	327	339	421	331	387	380	358	357	390	1959
1960	361	366	330	334	322	300	293	316	320	343	312	306	325	1960
1961	309	281	264	318	305	352	329	350	344	312	326	314	317	1961
1962	333	335	339	308	299	295	247	337	251	264	272	257	286	1962
1963	307	312	295	296	277	346	521	396	400	380	346	310	331	1963
1964	333	360	386	397	463	538	571	567	507	557	591	595	489	1964
1965	457	447	437	386	342	372	357	380	354	323	344	321	376	1965
1966	331	341	365	377	379	494	562	418	364	404	396	330	397	1966
1967	341	342	368	357	275	281	273	306	325	331	280	257	311	1967
1968	288	331	344	367	334	474	568	512	414	433	414	436	410	1968
1969	459	532	563	517	510	565	570	526	498	416	406	400	497	1969
1970	402	417	423	430	403	410	367	388	395	434	558	500	427	1970
1971	527	551	546	544	508	549	462	423	402	393	434	421	479	1971
1972	489	510	512	499	408	411	400	403	390	392	409	284	425	1972
1973	284	269	225	232	228	267	238	258	256	240	229	224	245	1973
1974	225	257	278	278	356	563	567	497	409	399	392	436	389	1974
1975	435	436	443	439	439	425	360	385	431	402	294	303	399	1975
1976	316	348	361	370	328	323	322	328	330	376	418	315	344	1976
1977	253	236	228	199	227	280	168	222	173	296	349	384	251	1977
1978	392	391	328	315	161	325	346	285	209	215	302	393	311	1978
1979	402	393	373	358	298	304	311	343	314	342	295	321	338	1979
1980	372	394	450	305	266	301	293	361	255	293	158	196	304	1980
1981	251	352	356	344	302	290	268	228	239	191	158	146	260	1981
1982	120	176	120	175	139	182	201	224	254	316	385	390	215	1982
1983	375	365	372	365	352	283	262	181	187	186	323	341	297	1983
1984	355	355	353	341	278	309	384	387	356	341	339	294	341	1984
1985	351	384	378	321	262	333	278	428	428	568	508	509	396	1985
1986	454	448	451	372	331	356	368	339	319	294	283	317	360	1986
1987	324	298	313	290	120	119	155	156	174	211	149	156	205	1987
1988	320	350	319	137	195	144	128	227	334	565	423	404	296	1988
1989	468	546	461	440	454	543	549	355	376	366	354	314	435	1989
1990	303	302	203	168	112	356	481	410	338	341	301	276	299	1990
MEAN	362	377	373	349	315	363	367	355	338	352	348	346	352	MEAN

LOCATION - LAT 49 18 28 N
LONG 088 18 40 W

DRAINAGE AREA, 24 600 km²
REGULATED

NIPIGON RIVER AT PINE PORTAGE - STATION NO. 02AD008

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1950	---	---	---	---	1950
1951	---	547 ON APR 20	162 ON SEP 03	12 200 000	1951
1952	---	532 ON APR 03	140 ON DEC 27	11 300 000	1952
1953	---	518 ON JUL 14	169 ON JAN 01	10 200 000	1953
1954	---	600 ON JUN 29	217 ON OCT 03	14 300 000	1954
1955	---	538 ON JAN 21	143 ON SEP 05	12 000 000	1955
1956	---	524 ON JUN 15	149 ON SEP 03	10 500 000	1956
1957	---	555 ON JUL 17	117 ON JUN 16	11 100 000	1957
1958	---	527 ON DEC 10	80.7 ON JUL 01	11 500 000	1958
1959	---	547 ON MAR 10	140 ON MAY 24	12 300 000	1959
1960	---	436 ON FEB 10	87.8 ON DEC 25	10 300 000	1960
1961	---	439 ON APR 11	105 ON FEB 26	10 000 000	1961
1962	---	433 ON JAN 17	86.7 ON JUL 02	9 020 000	1962
1963	---	498 ON JUN 20	105 ON JAN 01	10 400 000	1963
1964	---	640 ON AUG 23 *	136 ON JAN 01	15 500 000	1964
1965	---	575 ON JAN 03	85.8 ON SEP 06	11 900 000	1965
1966	---	614 ON JUL 31	113 ON JAN 01	12 500 000	1966
1967	---	416 ON FEB 25	93.4 ON JUL 02	9 810 000	1967
1968	---	629 ON JUL 29	140 ON JAN 01	13 000 000	1968
1969	---	606 ON JUN 23	200 ON SEP 01	15 700 000	1969
1970	---	597 ON NOV 11	146 ON SEP 07	13 500 000	1970
1971	---	580 ON JUN 14	225 ON SEP 06	15 100 000	1971
1972	---	538 ON MAR 06	232 ON DEC 24	13 400 000	1972
1973	---	430 ON JAN 08	116 ON JUL 15	7 740 000	1973
1974	---	589 ON JUN 10	148 ON FEB 10	12 300 000	1974
1975	---	487 ON MAY 28	34.5 ON AUG 03	12 600 000	1975
1976	---	464 ON OCT 28	74.8 ON DEC 25	10 900 000	1976
1977	---	442 ON DEC 13	1.42 ON JAN 01 *	7 920 000	1977
1978	---	453 ON DEC 07	59.5 ON MAY 14	9 800 000	1978
1979	---	464 ON APR 09	113 ON DEC 25	10 700 000	1979
1980	---	469 ON MAR 19	95.0 ON DEC 06	9 610 000	1980
1981	---	423 ON FEB 25	47.8 ON JUL 02	8 190 000	1981
1982	---	423 ON AUG 01	77.2 ON FEB 02	6 780 000	1982
1983	---	420 ON JAN 12	56.8 ON JUL 10	9 370 000	1983
1984	---	413 ON JUL 15	229 ON DEC 14	10 800 000	1984
1985	---	589 ON SEP 30	107 ON JUL 07	12 500 000	1985
1986	---	466 ON MAR 27	51.8 ON AUG 19	11 400 000	1986
1987	---	382 ON JAN 27	104 ON NOV 24	6 480 000	1987
1988	---	573 ON OCT 09	100 ON APR 04	9 340 000	1988
1989	---	574 ON FEB 02	234 ON DEC 24	13 700 000	1989
1990	---	534 ON JUL 20	75.0 ON APR 24	9 440 000	1990
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		11 100 000	MEAN

NIPIGON RIVER BELOW VIRGIN FALLS - STATION NO. 02AD006

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1926	---	---	---	---	---	---	---	---	---	---	---	---	---	1926
1927	249	279	288	359	352	447	494	465	393	367	377	372	371	1927
1928	380	374	392	380	347	216	189	192	194	166	225	223	273	1928
1929	211	184	196	190	213	214	243	224	250	256	279	215	223	1929
1930	209	179	173	188	224	229	222	217	243	218	192	146	203	1930
1931	113	118	115	111	116	132	126	112	97.3	90.7	93.0	95.7	109	1931
1932	96.3	162	214	271	340	360	217	219	211	193	184	225	224	1932
1933	222	212	201	199	255	304	197	151	161	169	208	221	208	1933
1934	211	219	238	321	382	473	485	299	253	245	229	361	310	1934
1935	358	338	334	408	457	336	246	298	354	380	375	385	356	1935
1936	387	393	396	431	383	366	217	207	232	277	304	322	326	1936
1937	323	321	319	306	278	267	251	283	287	278	277	279	289	1937
1938	273	282	254	250	322	321	244	209	274	280	283	275	270	1938
1939	269	272	266	277	253	273	249	233	259	216	211	204	248	1939
1940	213	163	163	154	177	184	186	190	185	180	185	152	178	1940
1941	164	164	171	169	170	182	188	185	184	208	264	260	193	1941
1942	283	328	273	212	251	212	214	192	190	199	202	215	230	1942
1943	226	226	257	259	218	208	226	229	256	270	267	267	242	1943
1944	268	265	265	---	---	422	394	378	451	371	271	260	---	1944
1945	318	303	284	307	301	300	298	296	287	287	309	305	299	1945
1946	292	300	319	332	324	383	341	316	319	320	327	323	325	1946
1947	319	382	427	437	426	435	351	320	321	314	315	315	363	1947
1948	320	328	328	327	436	456	340	343	314	309	301	299	343	1948
1949	293	280	318	341	386	400	356	320	310	304	287	280	324	1949
1950	295	314	315	331	---	---	---	---	---	---	---	---	---	1950
MEAN	262	265	271	285	301	309	273	256	257	252	254	258	269	MEAN

LOCATION - LAT 49 25 00 N LONG 088 13 00 W

DRAINAGE AREA, 24 500 km^2 REGULATED

DATA CONTRIBUTED BY - ONTARIO HYDRO

NIPIGON RIVER BELOW VIRGIN FALLS - STATION NO. 02AD006

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1926	---	---	---	---	1926
1927	---	501 ON JUL 13	226 ON JAN 03	11 700 000	1927
1928	---	405 ON MAY 17	148 ON JUL 08	8 630 000	1928
1929	---	311 ON NOV 21	163 ON FEB 22	7 030 000	1929
1930	---	283 ON SEP 17	128 ON DEC 31	6 410 000	1930
1931	---	194 ON JUN 30	67.7 ON FEB 24 *	3 420 000	1931
1932	---	379 ON MAY 25	83.3 ON JAN 07	7 090 000	1932
1933	---	337 ON JUN 04	122 ON DEC 24	6 570 000	1933
1934	---	504 ON JUL 10 *	150 ON JAN 21	9 790 000	1934
1935	---	476 ON MAY 25	194 ON JUL 26	11 200 000	1935
1936	---	445 ON MAY 31	150 ON AUG 01	10 300 000	1936
1937	---	348 ON JAN 21	202 ON SEP 05	9 110 000	1937
1938	---	450 ON MAY 23	177 ON APR 22	8 510 000	1938
1939	---	374 ON JUN 10	138 ON OCT 20	7 830 000	1939
1940	---	300 ON AUG 17	125 ON FEB 19	5 620 000	1940
1941	---	182 ON NOV 26	132 ON JAN 01	6 070 000	1941
1942	---	442 ON MAY 14	138 ON SEP 06	7 260 000	1942
1943	---	283 ON APR 07	189 ON JAN 01	7 640 000	1943
1944	---	---	---	---	1944
1945	---	357 ON JAN 08	255 ON MAR 12	9 440 000	1945
1946	---	394 ON JUN 25	286 ON JAN 26	10 200 000	1946
1947	---	464 ON MAY 29	303 ON OCT 29	11 500 000	1947
1948	---	501 ON MAY 30	259 ON OCT 29	10 800 000	1948
1949	---	413 ON JUN 23	287 ON OCT 10	10 200 000	1949
1950	---	---	---	---	1950
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		8 470 000	MEAN

NIPIGON RIVER NEAR CAMERON FALLS - STATION NO. 02AD002

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1922	---	---	---	---	---	---	---	---	---	183	164	162	---	1922
1923	170	159	141	136	151	157	183	186	184	177	164	154	164	1923
1924	147	145	---	133	146	146	154	153	167	---	---	---	---	1924
1925	---	162	162	161	171	179	168	157	---	162	170	---	---	1925
1926	---	172	149	144	148	148	142	144	154	---	---	---	---	1926
MEAN	159	160	151	144	154	157	162	160	168	174	166	158	164	MEAN

LOCATION - LAT 49 09 00 N LONG 088 20 00 W DRAINAGE AREA, 23 600 km^2 REGULATED DATA CONTRIBUTED BY - ONTARIO HYDRO

NIPIGON RIVER NEAR CAMERON FALLS - STATION NO. 02AD002

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1922	---	---	---	---	1922
1923	---	---	---	---	1923
1924	---	208 ON JAN 02 *	125 ON APR 08 *	5 160 000	1924
1925	---	---	---	---	1925
1926	---	---	---	---	1926
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		5 160 000	MEAN

MISSOURI CREEK NEAR EMBRO - STATION NO. 02GD022

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1987	0.319	0.087	0.855	0.761	0.401	0.199	0.107	0.056	0.040	0.115	0.401	0.822	0.349	1987
1988	0.181	0.211	0.866	0.325	0.154	0.012	0.020	0.017	0.045	0.180	0.519	0.367	0.242	1988
1989	0.452	0.140	0.623	0.522	0.155	0.123	0.015	0.013	0.012	0.039	0.235	0.057	0.199	1989
1990	0.914	0.979	0.761	0.424	0.460	0.078	0.370	0.257	0.275	0.681	0.830	1.11	0.594	1990
MEAN	0.467	0.354	0.777	0.508	0.293	0.103	0.128	0.086	0.093	0.254	0.496	0.589	0.346	MEAN

LOCATION - LAT 43 07 48 N LONG 080 57 48 W DRAINAGE AREA, 29.1 km^2 NATURAL FLOW

REMARKS - DATA FOR 1975-77, 1984-86 AVAILABLE FROM OMOE

MISSOURI CREEK NEAR EMBRO - STATION NO. 02GD022

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1987	23.7 AT 21:09 EST ON MAY 30 *	7.25 ON MAY 31	0.010 ON SEP 05	11 000	1987
1988	4.84 AT 01:47 EST ON DEC 28	3.53 ON MAR 09	0.001 ON JUL 08 *	7 650	1988
1989	---	2.95B ON JAN 08	0.003 ON AUG 28	6 280	1989
1990	19.7 AT 03:49 EST ON JUL 09	7.63 ON DEC 29 *	0.011 ON JUL 07	18 700	1990
	B - ICE CONDITIONS	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		10 900	MEAN

WITH RIVER ABOVE NITHBURG - STATION NO. 02GA038

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1972	---	---	7.87	26.8	0.768	0.789	1.04	0.112	0.099	2.72	3.92	6.70	---	1972
1973	8.97	3.38	21.3	3.11	4.15	0.577	0.131	0.358	0.050	0.061	3.98	3.12	4.13	1973
1974	7.42	2.22	12.1	10.6	9.80	0.283	0.115	0.053	0.057	0.079	0.440	0.210	3.64	1974
1975	3.45	5.49	9.95	17.0	0.731	1.55	0.089	7.20	3.20	0.702	2.96	6.50	4.88	1975
1976	1.36	10.8	25.6	7.35	3.94	0.196	0.181	0.101	0.243	0.388	1.67	0.497	4.37	1976
1977	0.245	0.160	23.6	2.54	0.267	0.093	0.144	0.444	1.33	4.48	3.78	6.29	3.96	1977
1978	1.43	0.633	5.01	29.8	1.62	0.257	0.060	0.048	1.30	1.32	1.54	1.93	3.72	1978
1979	2.99	0.486	13.8	13.8	1.47	0.219	0.102	0.050	0.077	0.440	0.98	11.3	4.48	1979
1980	1.79	0.225	15.9	10.4	1.89	0.586	0.239	0.093	0.125	0.862	0.582	4.67	3.13	1980
1981	0.302	16.3	3.12	2.86	2.28	0.256	0.099	1.38	4.42	7.70	2.87	1.71	3.51	1981
1982	0.647	0.268	16.6	14.1	0.667	2.20	0.613	2.78	2.87	0.957	10.3	13.4	5.47	1982
1983	1.89	4.71	4.29	5.39	0.86	1.54	0.332	0.614	1.75	2.53	3.61	5.93	3.45	1983
1984	0.672	17.5	10.4	4.70	1.28	1.98	0.156	0.089	1.06	0.252	4.98	10.1	4.37	1984
1985	1.41	13.8	23.0	12.8	0.642	0.384	0.169	2.87	2.64	1.85	9.04	3.78	5.96	1985
1986	5.33	0.819	19.1	3.79	2.03	1.03	0.241	4.38	25.1	8.23	2.55	3.23	6.35	1986
1987	2.27	0.810	16.8	5.01	0.282	0.417	1.88	2.33	0.203	1.43	6.10	8.83	3.90	1987
1988	3.07	4.05	13.3	4.66	0.623	0.079	0.179	0.200	0.254	1.93	6.38	3.07	3.15	1988
1989	5.69	2.12	9.75	6.35	0.856	1.44	0.069	---	---	---	---	---	---	1989
1990	7.37	7.18	18.3	4.42	2.45	0.926	0.578	0.204	1.03	10.1	9.69	11.0	6.12	1990
MEAN	3.13	5.05	14.2	9.76	2.35	0.778	0.338	1.30	2.66	2.56	4.69	5.68	4.39	MEAN

LOCATION - LAT 43 29 02 N DRAINAGE AREA, 326 km²
LONG 080 50 06 W NATURAL FLOW

WITH RIVER ABOVE NITHBURG - STATION NO. 02GA038

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1972	142 AT 03:06 EST ON APR 17	112 ON APR 13	---	---	1972
1973	141 AT 19:02 EST ON MAR 11	68.0 ON MAR 11	0.031 ON SEP 07	130 000	1973
1974	202 AT 05:56 EST ON MAY 17	121 ON MAY 17	0.040 ON AUG 25	115 000	1974
1975	299 AT 04:07 EST ON APR 19	164 ON APR 19	0.045 ON AUG 18	154 000	1975
1976	282 AT 07:00 EST ON MAR 21	178 ON MAR 21	0.076 ON AUG 26	138 000	1976
1977	249 AT 08:15 EST ON MAR 13	196 ON MAR 13	0.054 ON JUN 21	125 000	1977
1978	135 AT 14:10 EST ON APR 11	119 ON APR 11	0.037 ON AUG 14	117 000	1978
1979	279 AT 04:57 EST ON APR 14	182 ON APR 14	0.057 ON SEP 07	141 000	1979
1980	---	---	---	---	1980
1981	135 AT 20:20 EST ON FEB 23	160 B ON MAR 21	0.069 ON AUG 26	99 000	1981
1982	268 AT 20:07 EST ON MAR 11	102 ON FEB 23	0.047 ON AUG 26	111 000	1982
1983	70.4 AT 20:29 EST ON MAY 02	191 ON MAR 31	0.197 ON JUL 16	173 000	1983
1984	---	40.7 ON MAY 02	0.043 ON JUL 29	109 000	1984
1985	---	95.0 ON DEC 29	0.020 ON AUG 28	138 000	1985
1986	342 AT 07:34 EST ON SEP 11 *	141 ON APR 05	0.029 ON AUG 05	188 000	1986
1987	90.7 AT 23:51 EST ON MAR 08	207 ON SEP 11 *	0.095 ON AUG 05	200 000	1987
1988	102 AT 22:06 EST ON MAR 25	60.4 ON MAR 09	0.023 ON JUN 18	123 000	1988
1989	---	58.6 ON MAR 26	0.002 ON JUL 15 *	99 700	1989
1990	170 AT 01:50 EST ON DEC 30	100 ON DEC 30	0.065 ON JUN 20	193 000	1990
	B - ICE CONDITIONS	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		138 000	MEAN

NITH RIVER AT NEW HAMBURG - STATION NO. 02GA019

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1950	---	---	---	---	1.03	0.516	0.754	0.569	0.295	0.562	5.14	11.0	---	1950
1951	10.7	9.15	23.9	20.0	1.84	1.22	2.67	0.832	0.610	2.97	11.6	4.02	7.42	1951
1952	12.5	5.08	18.9	18.1	2.46	0.478	0.513	0.752	0.566	0.471	1.03	4.43	5.48	1952
1953	6.47	3.19	17.8	1.01	13.5	9.64	1.68	1.10	0.538	0.456	0.648	1.23	5.02	1953
1954	1.36	23.7	22.9	18.3	2.07	0.900	0.461	0.509	0.631	16.2	2.59	5.44	7.82	1954
1955	6.43	1.66	19.2	19.2	1.61	0.823	0.191	0.125	0.469	1.19	8.30	4.13	5.32	1955
1956	1.54	1.65	13.8	14.2	25.3	2.10	1.50	6.46	2.55	1.26	1.38	6.82	8.38	1956
1957	5.09	6.15	10.4	13.9	4.11	5.10	1.47	0.730	1.39	1.00	7.76	14.7	6.15	1957
1958	1.60	1.17	13.8	4.64	0.639	0.651	0.159	0.334	4.26	0.683	4.10	1.91	2.69	1958
1959	1.97	2.39	12.9	38.3	5.60	0.834	0.516	0.314	0.388	1.16	4.80	4.61	6.12	1959
1960	2.45	3.66	5.40	40.3	11.9	3.25	0.531	0.178	0.244	0.784	1.10	0.478	5.83	1960
1961	0.346	7.60	9.08	5.55	4.84	1.05	0.958	0.652	0.929	0.502	2.69	3.83	3.44	1961
1962	0.918	0.806	22.6	8.66	1.08	0.559	0.337	0.301	0.305	0.846	1.91	1.96	3.59	1962
1963	0.650	0.525	23.9	5.39	3.83	0.867	0.467	0.434	0.349	0.383	0.568	0.477	3.19	1963
1964	2.86	1.64	15.1	9.82	2.77	0.686	0.439	3.58	0.787	0.422	0.659	5.86	3.74	1964
1965	4.75	11.6	8.10	24.2	1.14	0.448	0.492	0.192	0.415	6.74	9.04	14.7	7.12	1965
1966	2.98	5.27	14.4	6.85	1.71	5.84	0.264	0.154	0.288	0.352	3.57	14.1	4.86	1966
1967	5.80	3.44	19.0	23.1	2.90	8.86	4.71	1.09	0.801	8.75	13.0	16.6	9.28	1967
1968	2.28	16.5	21.5	4.53	1.52	0.600	0.641	5.07	6.15	4.89	11.2	7.33	6.81	1968
1969	7.82	7.07	22.1	25.3	8.64	1.18	0.725	0.940	0.484	0.807	4.64	1.84	6.77	1969
1970	1.07	1.87	6.94	24.4	5.14	0.942	1.04	0.456	1.21	3.07	7.28	8.70	5.17	1970
1971	3.20	3.25	12.0	30.4	1.62	1.67	0.751	0.811	0.509	0.621	0.738	6.00	5.11	1971
1972	5.40	1.39	10.7	37.0	2.00	1.24	1.85	0.543	0.495	3.59	3.48	8.94	6.56	1972
1973	13.7	5.65	32.7	5.99	8.10	1.43	0.767	1.09	0.450	0.671	6.28	5.10	6.70	1973
1974	13.1	4.52	20.7	16.1	15.5	1.15	0.658	0.401	0.395	0.474	1.61	0.745	6.31	1974
1975	5.71	6.40	15.4	29.1	2.26	2.63	0.630	9.42	4.49	1.50	3.97	9.79	7.59	1975
1976	2.37	18.5	18.2	12.4	6.87	0.840	0.769	0.757	0.872	1.08	2.49	1.13	7.18	1976
1977	0.706	0.714	32.0	5.37	1.05	0.642	0.560	1.04	5.72	7.13	7.18	9.94	6.06	1977
1978	2.26	1.57	8.01	44.1	3.14	0.870	0.419	0.437	2.26	1.68	2.17	3.05	5.82	1978
1979	4.20	0.991	35.9	24.2	3.08	0.908	0.501	0.418	0.470	0.920	9.29	12.1	7.78	1979
1980	2.81	1.30	18.9	14.4	4.44	2.07	0.971	0.515	0.630	1.79	1.07	5.31	4.53	1980
1981	0.641	23.9	5.74	5.21	3.66	1.30	0.897	2.10	7.93	8.82	3.84	2.64	5.42	1981
1982	1.75	0.985	19.9	27.9	1.72	1.44	1.54	3.28	3.90	2.02	14.2	21.8	8.53	1982
1983	4.45	8.31	7.67	10.3	15.7	1.77	1.03	1.98	3.71	4.62	6.53	10.8	6.56	1983
1984	1.51	29.0	15.9	9.29	3.34	3.81	0.831	0.649	3.81	1.26	10.1	13.9	7.69	1984
1985	3.09	16.8	17.6	22.0	1.89	1.23	0.828	3.39	4.80	3.97	15.6	6.98	9.78	1985
1986	7.56	2.25	29.0	7.53	4.81	2.58	1.15	6.22	30.7	11.6	4.11	6.20	9.52	1986
1987	4.13	1.89	23.6	10.4	1.10	1.01	2.82	2.91	0.770	4.64	8.99	13.6	6.21	1987
1988	3.79	6.21	20.0	8.44	2.16	0.410	0.605	0.654	0.877	3.29	10.4	5.14	5.16	1988
1989	7.51	3.41	15.1	9.78	2.18	----	---	----	----	----	----	----	---	1989
MEAN	4.34	6.56	18.5	17.4	4.77	1.99	1.09	1.59	2.42	2.85	5.57	7.16	6.22	MEAN

LOCATION - LAT 43 22 39 N DRAINAGE AREA, 552 km²
LONG 080 42 41 W NATURAL FLOW

REMARKS - MINOR REGULATION

NITH RIVER AT NEW HAMBURG - STATION NO. 02GA018

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)		MAXIMUM DAILY DISCHARGE (m^3/s)		MINIMUM DAILY DISCHARGE (m^3/s)		TOTAL DISCHARGE (dam^3)	YEAR
1950	---		---		---		---	1950
1951	150 AT 01:45 EST ON MAR 31		98.8 ON MAR 30		0.311 ON SEP 05		234 000	1951
1952	103 AT 04:00 EST ON MAR 22		90.1 ON APR 01		0 ON AUG 12	*	173 000	1952
1953	---		96.0 ON JUN 17		0.057 ON OCT 24		158 000	1953
1954	340 AT 11:55 EST ON OCT 16		232 ON OCT 16		0.340 ON AUG 22		247 000	1954
1955	---		92.0 ON APR 02		0.311 ON JUL 21		168 000	1955
1956	217 AT 23:55 EST ON APR 04		189 ON MAY 12		0.821 ON AUG 04		265 000	1956
1957	---		154 ON DEC 21		0.340 ON OCT 06		194 000	1957
1958	---		65.1 ON MAR 28		0.085 ON AUG 17		84 900	1958
1959	170 AT 08:00 EST ON APR 06		144 ON APR 06		0.190 ON AUG 13		193 000	1959
1960	250 AT 08:30 EST ON APR 04		202 ON APR 04		0.108 ON AUG 25		184 000	1960
1961	69.9 AT 04:00 EST ON FEB 25		61.7 ON FEB 25		0.190B ON JAN 24		99 000	1961
1962	199 AT 10:00 EST ON MAR 30		155 ON MAR 30		0.088 ON AUG 06		112 000	1962
1963	261 AT 10:00 EST ON MAR 26		213 ON MAR 26		0.167 ON OCT 18		101 000	1963
1964	---		76.5 ON APR 07		0.147 ON JUL 07		118 000	1964
1965	270 AT 06:15 EST ON FEB 11		161 ON FEB 11		0.204 ON AUG 25		225 000	1965
1966	221 AT 22:00 EST ON DEC 07		126 ON DEC 08		0.105 ON JUL 22		153 000	1966
1967	334 AT 12:30 EST ON APR 03		211 ON APR 03		0.453 ON SEP 19		293 000	1967
1968	280 A AT 18:00 EST ON FEB 02		146 A ON FEB 03		0.232 ON JUN 22		215 000	1968
1969	197 AT 15:23 EST ON APR 05		144 ON APR 05		0.411 ON AUG 14		213 000	1969
1970	126 AT 12:17 EST ON APR 09		107 ON APR 09		0.371 ON AUG 18		163 000	1970
1971	104 AT 08:42 EST ON APR 10		85.8 ON APR 10		0.348 ON AUG 09		161 000	1971
1972	178 AT 23:24 EST ON APR 13		144 ON APR 13		0.385 ON SEP 18		207 000	1972
1973	193 AT 07:00 EST ON MAR 12		133 ON MAR 12		0.227 ON JUN 22		211 000	1973
1974	311 AT 13:59 EST ON MAR 05		198 ON MAY 17		0.278 ON SEP 02		199 000	1974
1975	453 AT 14:24 EST ON APR 19	*	303 ON APR 19	*	0.371 ON AUG 19		239 000	1975
1976	323 AT 15:31 EST ON MAR 21		266 ON MAR 21		0.450 ON SEP 05		227 000	1976
1977	362 B AT 14:15 EST ON MAR 13		258 B ON MAR 13		0.345 ON JUL 30		191 000	1977
1978	199 AT 23:22 EST ON APR 11		139 ON APR 12		0.331 ON JUL 19		183 000	1978
1979	388 AT 15:46 EST ON APR 14		266 ON APR 14		0.322 ON JUL 28		245 000	1979
1980	---		190 E ON MAR 21		0.435E ON SEP 12		143 000	1980
1981	159 E AT 06:33 EST ON FEB 24		120 E ON FEB 24		0.530B ON FEB 10		171 000	1981
1982	321 E AT 01:00 EST ON APR 01		220 B ON APR 01		0.817 ON JUL 14		269 000	1982
1983	114 AT 05:31 EST ON MAY 03		80.5 ON MAY 03		0.342 ON JUL 27		207 000	1983
1984	159 AT 02:14 EST ON FEB 15		144 ON FEB 15		0.357 ON AUG 26		243 000	1984
1985	217 AT 22:24 EST ON APR 05		166 ON FEB 25		0.386 ON AUG 05		308 000	1985
1986	326 E AT 19:10 EST ON SEP 11		229 ON SEP 30		0.601 ON JUL 25		300 000	1986
1987	83.5 AT 16:18 EST ON NOV 26		67.8 ON NOV 26		0.422 ON JUN 18		196 000	1987
1988	112 AT 09:13 EST ON MAR 26		96.0 ON MAR 26		0.184 ON JUL 09		163 000	1988
1989	107 AT 19:20 EST ON MAR 15		---		---		---	1989
							196 000	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX)
B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

NITH RIVER NEAR CANNING - STATION NO. 02GA010

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1913	---	---	---	---	---	---	---	---	---	---	---	---	---	1913
1914	10.0	9.24	28.3	15.4	7.58	4.13	2.49	3.96 2.21	3.51 2.88	4.24 3.24	13.2 6.97	7.47 7.79	8.36	1914
1915	5.18	17.2	32.9	17.2	4.24	3.05	3.38	15.9	8.21	7.64	11.8	7.64	11.2	1915
1916	35.6	16.2	34.3	33.1	22.9	19.3	3.71	2.90	2.61	3.51	3.67	6.20	15.3	1916
1917	5.16	3.10	37.5	19.6	13.6	12.7	27.5	3.97	3.31	---	---	---	---	1917
1920	---	---	41.7	17.3	4.74	3.05	3.07	2.78	2.44	3.47	8.67	21.3	---	1920
1921	14.4	4.12	35.0	19.8	12.6	7.02	7.10	3.59	2.96	6.91	8.49	16.9	11.7	1921
1922	5.79	20.1	26.4	36.1	4.34	7.85	2.82	2.95	3.82	2.66	3.00	4.80	9.94	1922
1923	4.05	2.92	24.7	27.9	15.0	6.97	2.06	1.87	2.70	---	---	---	---	1923
1924	---	---	---	27.4	17.4	---	---	---	---	---	---	---	---	1924
1925	---	---	---	5.34	2.38	1.86	---	---	---	---	---	---	---	1925
1926	---	---	---	43.8	5.68	2.90	---	---	---	---	---	---	---	1926
1947	---	---	---	---	---	---	10.8	4.72	2.67	3.59	4.09	10.0	---	1947
1948	4.45	11.2	63.5	12.9	9.99	3.84	3.19	2.10	1.91	2.49	4.84	3.31	10.4	1948
1949	15.6	27.6	27.3	9.10	3.74	1.99	2.17	1.79	1.94	3.12	2.71	20.8	9.75	1949
1950	25.8	10.5	36.2	34.8	4.38	2.67	3.61	3.47	2.56	2.84	9.65	20.2	13.1	1950
1951	19.6	16.2	35.4	31.3	9.24	4.57	5.73	3.27	2.94	5.34	15.8	7.13	12.8	1951
1952	23.7	12.7	24.1	23.5	6.07	3.23	3.07	2.65	2.66	2.56	3.63	7.77	9.89	1952
1953	10.0	9.25	29.6	17.5	16.9	5.15	3.37	2.62	2.75	3.05	4.30	9.41	1953
1954	3.08	33.7	33.8	8.17 28.5	6.59	3.52	2.49	2.14	2.51	26.5	6.62	9.98	13.2	1954
1955	12.0	4.60	35.6	25.1	5.41	3.38	2.28	2.03	2.12	3.83	11.9	8.81	9.78	1955
1956	3.43	3.95	29.5	42.6	37.2	6.11	5.16	11.6	10.5	4.77	5.01	12.3	14.5	1956
1957	10.7	13.1	19.5	20.7	8.88	7.47	8.52	2.63	4.28	3.99	11.4	23.0	11.2	1957
1958	5.65	4.06	16.5	9.66	3.46	2.85	3.22	2.08	5.44	3.03	7.71	3.80	5.63	1958
1959	4.94	6.63	26.1	50.8	10.2	3.57	2.60	2.18	2.54	4.45	9.80	11.5	11.3	1959
1960	9.85	11.5	10.7	67.3	21.5	8.31	3.54	3.13	2.35	2.70	3.62	2.32	12.1	1960
1961	1.81	14.2	15.0	11.2	9.12	4.09	3.65	2.95	3.11	2.52	5.18	7.40	6.64	1961
1962	3.12	2.30	30.8	14.6	3.70	3.39	2.00	2.40	2.05	3.08	5.66	7.21	6.73	1962
1963	2.44	1.89	34.0	11.0	6.93	2.78	1.90	1.89	1.71	1.62	5.30	3.95	5.91	1963
1964	4.70	3.98	19.8	14.3	4.91	2.33	1.89	5.40	2.74	2.10	2.35	8.77	6.12	1964
1965	7.84	28.0	19.4	44.0	6.83	2.27	2.36	1.84	1.52	8.93	12.3	21.6	12.9	1965
1966	7.68	10.1	22.0	10.2	7.10	8.19	1.77	2.00	2.00	2.21	7.12	22.5	8.58	1966
1967	17.1	9.80	26.0	33.8	7.17	17.0	9.74	5.01	3.36	13.1	19.2	23.7	15.4	1967
1968	5.34	24.4	35.3	10.7	5.49	4.19	3.15	8.40	9.95	7.76	15.0	12.5	11.8	1968
1969	13.6	20.4	30.7	36.3	14.6	4.42	3.15	3.44	2.26	3.03	8.49	5.48	12.1	1969
1970	2.44	5.02	11.9	33.7	9.26	3.40	4.31	2.83	3.62	5.71	11.0	13.4	8.87	1970
1971	6.71	8.05	20.0	43.5	4.93	4.21	2.70	5.61	2.33	2.50	2.83	8.50	9.03	1971
1972	8.54	4.37	21.4	52.5	7.23	5.66	5.75	3.42	2.78	6.95	10.1	13.1	11.8	1972
1973	10.9	10.8	50.7	14.2	11.4	5.05	3.36	3.62	2.56	2.90	10.4	10.9	12.1	1973
1974	21.5	11.2	32.4	25.9	24.6	5.45	3.69	2.60	2.56	3.07	5.57	3.79	11.9	1974
1975	10.5	16.3	27.8	38.9	6.15	6.17	2.96	12.7	8.52	4.34	8.15	16.3	13.2	1975
1976	5.44	31.3	55.2	20.4	13.8	4.20	3.70	4.76	4.02	4.42	5.89	4.22	13.1	1976
1977	2.65	3.13	48.4	15.1	4.50	3.69	3.02	3.31	11.9	15.1	12.7	17.3	11.8	1977
1978	7.03	5.44	15.4	59.1	9.21	4.36	2.98	2.82	5.47	5.04	5.66	7.32	10.8	1978
1979	7.75	3.55	44.8	37.8	8.77	4.36	3.07	3.70	3.26	4.14	14.0	21.8	13.1	1979
1980	9.86	5.11	32.0	22.8	9.45	5.01	4.49	3.58	3.40	4.63	4.18	8.82	9.48	1980
1981	2.89	34.2	10.7	11.0	7.95	4.00	2.88	2.78	12.4	13.8	8.38	6.53	9.60	1981
1982	5.41	3.43	30.0	50.7	7.06	9.06	4.61	6.82	7.84	5.87	20.4	33.9	15.4	1982
1983	10.4	16.9	14.5	18.4	24.9	8.69	4.06	7.26	6.66	8.45	11.3	18.9	12.5	1983
1984	3.62	44.6	26.7	20.0	8.75	9.65	4.58	3.05	6.85	4.19	12.2	20.2	13.5	1984
1985	9.74	26.3	58.9	35.6	5.88	5.45	4.53	5.63	10.4	---	---	---	---	1985
1986	13.5	7.21	40.9	14.0	10.2	6.57	4.06	8.29	30.7	30.3	9.94	12.8	15.8	1986
1987	8.75	4.39	31.9	20.5	4.77	4.11	7.05	5.49	3.07	5.10	12.6	22.9	10.9	1987
1988	8.32	11.5	27.1	14.9	6.15	2.53	2.55	3.14	2.84	6.42	15.9	10.5	9.32	1988
1989	12.3	8.70	22.6	16.6	5.42	8.70	2.41	2.06	2.02	2.62	8.57	5.27	8.09	1989
1990	14.3	19.0	25.9	11.0	8.56	3.85	3.85	2.77	3.84	16.9	18.6	22.7	12.6	1990
MEAN	9.66	12.7	30.1	25.7	9.56	5.66	4.34	4.04	4.63	6.01	8.83	12.1	11.0	MEAN

LOCATION - LAT 43 11 26 N
LONG 080 27 17 W

DRAINAGE AREA, 1 030 km²
NATURAL FLOW

REMARKS - STN TEMP DISCONTINUED OCT 01 1985 TO JAN 17 1986 FOR RECONSTRUCTION.

WITH RIVER NEAR CANNING - STATION NO. .02GA010

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1913	---	---	---	---	1913
1914	---	116 ON MAR 28	0.453 ON SEP 12 *	264 000	1914
1915	---	53.8 ON APR 11	1.70 ON JUN 30	352 000	1915
1916	---	196 ON MAR 30	1.61 ON SEP 18	485 000	1916
1917	---	163 ON MAR 25	---	---	1917
1920	---	137 ON MAR 18	---	---	1920
1921	---	128 ON MAR 10	1.22 ON AUG 25	367 000	1921
1922	---	142 ON APR 12	1.73 ON OCT 05	313 000	1922
1923	---	125 ON APR 05	---	---	1923
1924	---	---	---	---	1924
1925	---	---	---	---	1925
1926	---	---	---	---	1926
1947	---	64.8 ON JUL 29	0.736 ON SEP 30	---	1947
1948	422 AT 03:00 EST ON MAR 21	297 ON MAR 21	1.27 ON SEP 07	327 000	1948
1949	---	174 ON MAR 24	0.566 ON SEP 12	307 000	1949
1950	357 AT 12:00 EST ON APR 05	328 ON APR 05 *	1.70 ON AUG 21	413 000	1950
1951	---	161 ON MAR 31	1.42 ON SEP 04	403 000	1951
1952	---	110 ON MAR 22	1.64 ON SEP 14	313 000	1952
1953	---	88.6 ON JUN 18	1.70 ON SEP 07	297 000	1953
1954	428 AT 11:00 EST ON OCT 17 *	328 ON OCT 17	1.64 ON AUG 29	415 000	1954
1955	---	201 ON MAR 12	1.30 ON AUG 02	308 000	1955
1956	267 AT 24:00 EST ON APR 05	229 ON APR 05	1.81 B ON FEB 05	460 000	1956
1957	179 AT 11:00 EST ON DEC 22	142 ON DEC 22	2.12 ON AUG 05	352 000	1957
1958	---	56.1 ON MAR 28	1.33 ON AUG 19	177 000	1958
1959	---	170 ON APR 03	1.73 ON AUG 09	355 000	1959
1960	289 AT 07:00 EST ON APR 05	248 ON APR 05	1.73 B ON DEC 21	384 000	1960
1961	184 AT 23:30 EST ON FEB 23	82.7 ON FEB 25	1.67 B ON JAN 31	209 000	1961
1962	207 AT 10:00 EST ON MAR 31	167 ON MAR 31	1.47 ON JUL 13	212 000	1962
1963	292 AT 12:00 EST ON MAR 27	243 ON MAR 27	0.940B ON DEC 14	187 000	1963
1964	91.7 AT 16:00 EST ON DEC 26	72.5 ON APR 08	1.18 ON JUL 31	194 000	1964
1965	354 AT 22:30 EST ON FEB 11	237 ON FEB 11	1.31 ON AUG 25	408 000	1965
1966	228 AT 01:00 EST ON DEC 09	152 ON DEC 08	1.39 ON JUL 25	271 000	1966
1967	294 AT 12:00 EST ON APR 04	211 ON APR 04	2.39 ON SEP 17	407 000	1967
1968	---	156 B ON FEB 03	2.11 ON JUL 30	373 000	1968
1969	199 AT 16:00 EST ON APR 06	166 ON APR 06	2.08 ON SEP 15	301 000	1969
1970	144 AT 13:07 EST ON APR 10	129 ON APR 10	1.80 B ON JAN 15	280 000	1970
1971	121 AT 04:13 EST ON APR 04	115 E ON APR 03	1.80 ON AUG 09	285 000	1971
1972	208 AT 22:18 EST ON APR 14	167 ON APR 14	2.51 ON SEP 03	373 000	1972
1973	203 AT 08:34 EST ON MAR 13	149 ON MAR 13	2.10 ON SEP 10	302 000	1973
1974	275 AT 13:38 EST ON MAR 06	240 ON MAR 06	2.18 E ON AUG 23	375 000	1974
1975	419 AT 14:38 EST ON APR 20	320 ON APR 20	2.26 ON JUL 09	416 000	1975
1976	314 AT 12:46 EST ON MAR 22	277 ON MAR 22	1.76 ON SEP 09	413 000	1976
1977	362 AT 18:02 EST ON MAR 14	309 ON MAR 14	1.99 ON JUL 28	372 000	1977
1978	225 AT 00:57 EST ON APR 13	175 ON APR 12	2.52 ON SEP 10	340 000	1978
1979	383 AT 14:51 EST ON APR 15	310 ON APR 15	2.40 ON JUL 24	414 000	1979
1980	275 AT 01:46 EST ON MAR 23	259 ON MAR 22	2.95 ON AUG 18	300 000	1980
1981	---	150 E ON FEB 25	2.20 ON JUL 17	303 000	1981
1982	377 AT 00:39 EST ON APR 02	293 ON APR 01	3.01 ON AUG 19	407 000	1982
1983	112 AT 03:52 EST ON MAY 04	83.8 ON MAY 03	2.49 ON JUL 26	395 000	1983
1984	219 AT 07:09 EST ON FEB 16	192 ON FEB 16	2.55 ON AUG 27	428 000	1984
1985	---	223 A ON FEB 26	2.57 ON AUG 06	---	1985
1986	284 AT 15:34 EST ON OCT 01	240 ON SEP 13	2.95 ON AUG 05	498 000	1986
1987	102 AT 19:16 EST ON APR 06	90.0 ON APR 06	2.27 ON SEP 10	345 000	1987
1988	120 AT 10:05 EST ON MAR 27	105 ON MAR 27	1.63 ON JUL 10	295 000	1988
1989	98.1 AT 05:13 EST ON MAR 27	74.7 ON MAR 30	1.73 ON AUG 28	255 000	1989
1990	173 AT 19:09 EST ON DEC 31	148 ON DEC 31	1.70 E ON AUG 11	397 000	1990
				348 000	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX)
B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

NOLIN CREEK AT SUDBURY - STATION NO. 02CF009

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1959	---	---	---	2.00	0.131	0.091	0.077	0.151	0.317	0.496	0.438	0.203	---	1959
1960	0.077	0.084	0.116	2.46	0.629	0.605	0.637	0.118	0.212	0.163	0.356	0.085	0.459	1960
1961	0.022	0.024	0.355	0.404	0.154	0.309	0.378	0.090	0.684	0.193	0.363	0.171	0.262	1961
1962	0.063	0.046	0.753	0.680	0.382	0.098	0.062	0.157	0.127	0.176	0.139	0.139	0.235	1962
1963	0.094	0.096	1.06	0.892	0.138	0.174	0.062	0.177	0.125	0.056	0.279	0.053	0.267	1963
1964	0.053	0.068	0.442	1.19	0.182	0.075	0.058	0.082	0.411	0.248	0.224	0.100	0.260	1964
1965	0.018	0.046	0.264	1.18	0.095	0.038	0.058	0.458	0.603	0.281	0.209	0.390	0.303	1965
1966	0.291	0.249	0.645	0.448	0.258	---	---	---	---	---	---	0.521	---	1966
1967	0.037	0.020	0.389	1.44	0.318	0.190	0.037	0.192	0.133	0.302	0.597	0.323	0.331	1967
1968	0.073	0.126	1.47	0.441	0.119	0.228	0.732	0.410	0.764	0.173	0.036	0.148	0.395	1968
1969	0.141	0.058	0.821	0.992	0.211	0.313	0.155	0.110	0.044	0.561	0.924	0.150	0.374	1969
1970	0.077	0.051	0.537	1.05	0.412	0.674	0.512	0.116	0.733	0.445	0.306	0.335	0.438	1970
1971	0.069	0.047	0.383	1.75	0.326	0.141	0.187	0.181	0.285	0.445	0.433	0.669	0.410	1971
1972	0.123	0.027	---	---	---	---	0.116	0.342	0.448	---	---	0.113	---	1972
1973	0.151	0.227	1.46	0.315	0.366	0.188	0.236	0.576	0.099	0.259	0.215	0.340	0.372	1973
1974	0.114	0.086	0.195	0.779	0.228	0.291	0.077	0.143	0.293	0.304	0.454	0.121	0.256	1974
1975	0.177	0.068	0.088	1.41	0.189	0.139	0.056	0.121	0.093	0.205	0.439	0.347	0.276	1975
1976	0.052	0.030	2.13	0.629	0.289	0.086	0.078	0.095	0.261	0.168	0.083	0.056	0.332	1976
1977	0.044	0.057	1.29	0.478	0.062	0.052	0.167	0.201	0.594	0.464	0.393	0.269	0.341	1977
1978	0.050	0.033	0.083	1.58	0.323	0.059	0.085	0.316	0.434	0.520	0.124	0.062	0.305	1978
1979	0.046	0.052	0.847	1.83	0.363	0.074	0.041	0.074	0.076	0.153	0.414	0.145	0.343	1979
1980	0.149	0.037	0.323	1.43	0.259	0.053	0.073	0.102	0.353	0.286	0.140	0.027	0.268	1980
1981	0.012	0.442	0.334	0.756	0.119	0.126	0.105	0.071	0.607	0.447	0.140	0.059	0.265	1981
1982	0.014	0.017	0.209	1.21	0.083	0.053	0.025	0.029	0.291	0.468	0.328	0.522	0.271	1982
1983	0.120	0.025	0.484	0.788	0.508	0.194	0.052	0.088	0.237	0.501	0.160	0.049	0.266	1983
1984	0.021	0.351	0.382	0.385	0.154	0.408	0.099	0.177	0.320	0.293	0.486	0.276	0.278	1984
1985	0.033	0.046	0.432	1.69	0.217	0.037	0.169	0.119	0.115	0.255	0.353	0.049	0.292	1985
1986	0.027	0.015	0.431	0.971	0.103	0.122	0.219	0.136	0.145	0.250	0.152	0.065	0.220	1986
1987	0.055	0.035	0.539	0.334	0.103	0.066	0.022	0.016	0.028	0.080	0.109	0.248	0.137	1987
1988	0.045	0.065	0.502	1.35	0.285	0.053	0.028	0.239	0.314	0.591	0.703	0.1 1	0.357	1988
1989	0.067	0.032	0.317	1.09	0.137	0.240	0.006	0.029	0.017	0.054	0.138	0.017	0.178	1989
1990	0.105	0.092	0.848	0.354	0.621	0.398	0.166	0.078	0.063	0.546	0.682	0.188	0.347	1990
MEAN	0.078	0.086	0.604	1.04	0.250	0.186	0.153	0.168	0.298	0.313	0.327	0.199	0.305	MEAN

LOCATION - LAT 46 29 51 N DRAINAGE AREA, 21.5 km²
LONG 081 00 25 W REGULATED SINCE 1966

NOLIN CREEK AT SUDBURY - STATION NO. 02CF009

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1959	---	4.67 ON APR 08	---	---	1959
1960	---	5.36 ON APR 14	0.017B ON DEC 31	14 500	1960
1961	16.4 AT 11:30 EST ON SEP 14	5.83 ON SEP 14	0.011RB ON JAN 24	8 270	1961
1962	10.9 AT 22:30 EST ON AUG 26	4.84 ON MAR 29	0.025 ON JUN 16	7 420	1962
1963	19.9 AT 17:00 EST ON MAR 30 *	11.2 ON MAR 30 *	0.020 ON DEC 31	8 420	1963
1964	9.03 AT 19:00 EST ON APR 12	5.92 ON APR 13	0.003 ON DEC 07	8 210	1964
1965	12.9 AT 03:30 EST ON SEP 10	3.17RE ON APR 12	0.006 ON JAN 15	9 570	1965
1966	---	---	---	---	1966
1967	6.97 AT 18:00 EST ON APR 01	5.21 ON APR 01	0.014 ON SEP 11	10 400	1967
1968	10.6 AT 01:00 EST ON JUL 22	4.79 ON JUL 22	0.014B ON JAN 28	12 500	1968
1969	7.99 AT 10:15 EST ON OCT 13	3.65 ON NOV 02	0.014B ON JAN 03	11 800	1969
1970	12.6 AT 10:00 EST ON SEP 24	4.76 ON JUN 02	0.023 ON JUN 29	13 800	1970
1971	10.8 AT 21:33 EST ON DEC 10	3.88 ON APR 12	0.021 ON JUL 12	12 900	1971
1972	---	---	---	---	1972
1973	9.80 AT 22:01 EST ON JUL 30	3.34 ON JUL 31	0.022 ON JUL 24	11 700	1973
1974	10.8 AT 23:55 EST ON OCT 31	3.77 ON NOV 01	0.025 ON JUL 08	8 090	1974
1975	8.47 AT 06:42 EST ON NOV 30	6.48 ON APR 19	0.009 ON SEP 03	8 710	1975
1976	9.23E AT 11:10 EST ON MAR 27	6.27 ON MAR 22	0.017 ON JUN 04	10 500	1976
1977	---	4.45 ON MAR 17	0.011 ON JUN 11	10 700	1977
1978	7.14 AT 20:53 EST ON AUG 23	2.92 ON APR 19	0.026B ON FEB 24	9 630	1978
1979	6.92 AT 19:36 EST ON APR 26	4.28 ON APR 14	0.017 ON JUL 05	10 800	1979
1980	9.15 AT 00:26 EST ON APR 09	5.87 ON APR 09	0.013B ON DEC 29	8 480	1980
1981	11.7 AT 01:43 EST ON SEP 10	3.03 ON SEP 10	0.004 ON AUG 28	8 360	1981
1982	9.01 AT 08:31 EST ON OCT 07	2.58 ON OCT 07	0.003 ON AUG 20	8 550	1982
1983	5.07 AT 17:00 EST ON JUN 04	2.20B ON MAR 09	0 ON JUL 10 *	8 390	1983
1984	6.92 AT 03:09 EST ON SEP 13	2.48 ON SEP 13	0.002 ON AUG 04	8 780	1984
1985	8.85 AT 03:05 EST ON NOV 20	4.07 ON APR 22	0.002 ON JUL 01	9 210	1985
1986	6.11 AT 16:44 EST ON APR 01	4.39 ON APR 01	0.010B ON MAR 01	6 940	1986
1987	2.79 AT 01:30 EST ON MAR 30	1.75 ON MAR 26	0.001 ON AUG 06	4 320	1987
1988	6.91 AT 06:06 EST ON OCT 18	4.74 ON APR 04	0.008 ON AUG 04	11 300	1988
1989	5.25 AT 13:58 EST ON APR 04	2.99 ON APR 04	0 ON JUL 20	5 610	1989
1990	7.91 AT 22:36 EST ON MAY 17	3.71 ON MAY 17	0.008 ON SEP 02	10 900	1990
				9 610	MEAN

B - ICE CONDITIONS * - EXTREME RECORDED FOR THE PERIOD OF RECORD
E - ESTIMATED R - REVISED SINCE JAN 01 1989

NORBERG CREEK (SITE A) ABOVE BATCHAWANA RIVER - STATION NO. 02BF005

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1980	---	---	---	---	---	---	0.097	0.092	0.316	0.214	0.178	0.170	---	1980
1981	0.083	0.093	0.310	1.20	0.312	0.746	0.138	0.056	0.025	0.111	0.134	0.103	0.275	1981
1982	0.100	0.077	0.077	0.773	0.941	0.074	0.039	0.015	0.150	0.717	0.590	0.368	0.331	1982
1983	0.236	0.083	0.283	0.679	0.533	0.321	0.056	0.030	0.052	0.321	0.322	0.231	0.263	1983
1984	0.111	0.115	0.123	0.890	0.392	0.085	0.081	0.058	0.151	0.349	0.666	0.412	0.285	1984
1985	0.190	0.105	0.134	1.22	0.436	0.200	0.074	0.054	0.268	0.424	0.339	0.183	0.303	1985
1986	0.109	0.073	0.115	1.15	0.292	0.139	0.133	0.259	0.445	0.640	0.282	0.222	0.322	1986
1987	0.108	0.090	0.168	0.584	0.209	0.119	0.037	0.078	0.177	0.345	0.409	0.367	0.224	1987
1988	0.178	0.116	0.140	1.24	0.525	0.063	0.014	0.410	0.251	0.449	0.868	0.368	0.385	1988
1989	0.196	0.128	0.091	0.777	0.816	0.276	0.063	0.017	0.033	0.022	0.408	0.140	0.247	1989
1990	0.113	0.106	0.539	0.805	0.532	0.246	0.126	0.027	0.028	0.315	0.394	0.256	0.291	1990
MEAN	0.142	0.099	0.198	0.932	0.499	0.228	0.078	0.100	0.176	0.355	0.417	0.256	0.293	MEAN

LOCATION - LAT 47 04 08 N DRAINAGE AREA, 11.5 km²
LONG 084 26 07 W NATURAL FLOW

REMARKS - DAILY DATA FOR 1982 REVISED IN SEP 1983.

NORBERG CREEK (SITE A) ABOVE BATCHAWANA RIVER - STATION NO. 02BF005

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1980	---	---	0.039 ON AUG 04	---	1980
1981	3.14 AT 03:26 EST ON JUN 15	2.79 ON APR 04	0.013 ON SEP 07	8 670	1981
1982	3.85 AT 13:01 EST ON OCT 20	2.42R ON MAY 03	0.003 ON AUG 19	10 400	1982
1983	3.54 AT 13:44 EST ON APR 14	1.94 ON APR 15	0.002 ON AUG 31	8 290	1983
1984	2.98 AT 12:59 EST ON NOV 01	2.14 ON APR 16	0.026 ON AUG 21	9 020	1984
1985	4.76 AT 17:55 EST ON APR 22 *	4.16 ON APR 23 *	0.025 ON AUG 04	9 540	1985
1986	2.15 AT 20:06 EST ON APR 20	1.95 ON APR 20	0.017A ON JUL 03	10 100	1986
1987	1.07 AT 20:19 EST ON APR 14	1.00 ON APR 15	0 ON AUG 12 *	7 070	1987
1988	4.18 AT 13:28 EST ON APR 06	3.16 ON APR 06	0.003 ON JUL 30	12 200	1988
1989	2.26 AT 21:06 EST ON APR 27	2.05 ON APR 28	0 ON AUG 12	7 780	1989
1990	3.27 AT 00:00 EST ON MAR 18	2.73 ON MAR 18	0.003 ON SEP 10	9 190	1990
				9 230	MEAN

A - MANUAL GAUGE
(SEE REFERENCE INDEX)

* - EXTREME RECORDED FOR THE PERIOD OF RECORD
R - REVISED SINCE JAN 01 1989

NORBERG CREEK (SITE B) AT OUTLET OF TURKEY LAKE - STATION NO. 02BF006

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1979	---	---	---	---	---	---	---	---	---	---	---	0.207	---	1979
1980	0.103	0.075	0.066	0.617	0.175	0.192	0.084	0.066	0.305	0.309	0.162	0.132	0.190	1980
1981	0.081	0.080	0.216	0.957	0.268	0.556	0.113	0.037	0.018	0.101	0.121	0.089	0.219	1981
1982	0.083	0.060	0.065	0.541	0.751	0.047	0.031	0.016	0.142	0.537	0.424	0.266	0.248	1982
1983	0.181	0.070	0.187	0.473	0.417	0.250	0.041	0.024	0.044	0.244	0.257	0.186	0.198	1983
1984	0.084	0.089	0.101	0.628	0.311	0.070	0.059	0.037	0.110	0.269	0.492	0.302	0.212	1984
1985	0.146	0.072	0.086	0.890	0.313	0.157	0.056	0.044	0.198	0.341	0.282	0.146	0.227	1985
1986	0.082	0.059	0.076	0.819	0.229	0.096	0.114	0.170	0.283	0.440	0.210	0.159	0.228	1986
1987	0.081	0.065	0.097	0.436	0.165	0.096	0.025	0.046	0.092	0.226	0.289	0.268	0.157	1987
1988	0.143	0.081	0.087	0.890	0.414	0.039	0.004	0.282	0.165	0.328	0.687	0.286	0.284	1988
1989	0.120	0.087	0.075	0.546	0.618	0.176	0.040	0.009	0.025	0.015	0.327	0.110	0.179	1989
1990	0.080	0.074	0.319	0.558	0.393	0.153	0.090	0.015	0.015	0.243	0.312	0.213	0.206	1990
MEAN	0.108	0.074	0.125	0.669	0.369	0.167	0.060	0.068	0.127	0.278	0.324	0.197	0.213	MEAN

LOCATION - LAT 47 03 04 N DRAINAGE AREA, 8.64 km²
LONG 084 24 48 W NATURAL FLOW

NORBERG CREEK (SITE B) AT OUTLET OF TURKEY LAKE - STATION NO. 02BF006

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1979	---	---	---	---	1979
1980	1.78 AT 05:09 EST ON APR 10	1.70 ON APR 10	0.040 ON AUG 04	6 000	1980
1981	---	2.05 ON APR 05	0.008 ON SEP 05	6 900	1981
1982	2.05 AT 22:35 EST ON MAY 03	2.02 ON MAY 03	0.008 ON AUG 31	7 820	1982
1983	1.64 AT 04:17 EST ON APR 16	1.59 ON APR 16	0 ON SEP 03 *	6 250	1983
1984	1.69 AT 00:52 EST ON APR 17	1.61 ON APR 17	0.014 ON AUG 31	6 710	1984
1985	3.52 AT 23:04 EST ON APR 24 *	3.43 ON APR 23 *	0.025 ON AUG 04	7 160	1985
1986	1.48 AT 04:25 EST ON APR 21	1.42 ON APR 21	0.024E ON JUL 12	7 200	1986
1987	0.816 AT 09:01 EST ON APR 15	0.800 ON APR 15	0 ON AUG 11	4 950	1987
1988	2.72 AT 10:04 EST ON APR 07	2.64 ON APR 07	0 ON JUL 09	8 980	1988
1989	1.65 AT 16:04 EST ON APR 28	1.63 ON APR 28	0 ON JUL 30	5 640	1989
1990	2.04 AT 21:08 EST ON APR 26	2.00 ON APR 26	0 ON SEP 10	6 490	1990
				6 740	MEAN

E - ESTIMATED

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

NORBERG CREEK (SITE C) AT OUTLET OF LITTLE TURKEY LAKE - STATION NO. 02BF007

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1981	---	---	---	---	---	---	0.078	0.029	0.002	0.058	0.067	0.047	---	1981
1982	0.031	0.025	0.045	0.405	0.452	0.035	0.024	0.011	0.103	0.311	0.251	0.175	0.156	1982
1983	0.093	0.035	0.127	0.318	0.261	0.183	0.024	0.014	0.034	0.234	0.242	0.128	0.141	1983
1984	0.042	0.059	0.054	0.456	0.228	0.039	0.030	0.024	0.091	0.192	0.295	0.201	0.142	1984
1985	0.086	0.039	0.050	0.614	0.192	0.106	0.042	0.036	0.135	0.212	0.171	0.075	0.146	1985
1986	0.035	0.030	0.047	0.572	0.131	0.067	0.070	0.123	0.207	0.271	0.119	0.082	0.146	1986
1987	0.045	0.030	0.090	0.290	0.097	0.051	0.012	0.032	0.054	0.147	0.170	0.151	0.098	1987
1988	0.063	0.038	0.050	0.540	0.238	0.023	0.002	0.177	0.106	0.214	0.461	0.137	0.170	1988
1989	0.059	0.038	0.049	0.396	0.411	0.122	0.024	0.008	0.018	0.019	0.210	0.055	0.117	1989
1990	0.036	0.034	0.225	0.401	0.237	0.102	0.056	0.011	0.012	0.198	0.208	0.107	0.136	1990
MEAN	0.054	0.036	0.082	0.444	0.250	0.081	0.036	0.047	0.076	0.186	0.219	0.116	0.139	MEAN

LOCATION - LAT 47 02 41 N DRAINAGE AREA, 5.4 km²
LONG 084 24 44 W NATURAL FLOW

NORBERG CREEK (SITE C) AT OUTLET OF LITTLE TURKEY LAKE - STATION NO. 02BF007

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1981	---	---	0 ON SEP 19 *	---	1981
1982	1.57 AT 07:23 EST ON OCT 21	1.45 ON MAY 02	0.002 ON AUG 19	4 930	1982
1983	1.68 AT 18:46 EST ON APR 15	1.42 ON APR 15	0.001 ON SEP 02	4 460	1983
1984	1.22 AT 11:07 EST ON APR 16	1.19 ON APR 16	0.011 ON AUG 21	4 500	1984
1985	2.74 AT 03:39 EST ON APR 23 *	2.48 ON APR 22 *	0.011 ON AUG 04	4 610	1985
1986	1.13 AT 09:18 EST ON APR 20	1.10 ON APR 20	0.014 ON JUL 12	4 610	1986
1987	0.606 AT 04:24 EST ON APR 13	0.591 ON APR 13	0.001 ON AUG 10	3 080	1987
1988	2.07 AT 22:35 EST ON APR 06	1.70 ON APR 06	0 ON JUL 29	5 380	1988
1989	1.32 AT 03:14 EST ON APR 28	1.24 ON APR 28	0.001 ON JUL 30	3 700	1989
1990	1.49 AT 03:00 EST ON APR 26	1.42 ON APR 26	0 E ON SEP 08	4 290	1990
	E - ESTIMATED	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		4 400	MEAN

NORBERG CREEK (SITE D) BELOW WISHART LAKE - STATION NO. 02BF008

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1980	---	---	---	---	---	---	0.028	0.039	0.130	0.070	0.050	0.035	---	1980
1981	0.021	0.028	0.137	0.424	0.100	0.230	0.042	0.013	0.007	0.043	0.042	0.014	0.091	1981
1982	0.015	0.011	0.018	0.263	0.272	0.012	0.007	0.004	0.068	0.200	0.145	0.076	0.091	1982
1983	0.053	0.013	0.086	0.223	0.174	0.088	0.010	0.009	0.017	0.115	0.105	0.044	0.078	1983
1984	0.024	0.033	0.033	0.288	0.096	0.019	0.023	0.017	0.072	0.120	0.179	0.119	0.085	1984
1985	0.048	0.020	0.033	0.432	0.121	0.071	0.021	0.013	0.095	0.136	0.104	0.045	0.095	1985
1986	0.023	0.016	0.026	0.381	0.067	0.032	0.032	0.062	0.119	0.142	0.064	0.043	0.084	1986
1987	0.024	0.018	0.066	0.166	0.058	0.026	0.005	0.018	0.034	0.086	0.102	0.085	0.057	1987
1988	0.039	0.021	0.030	0.396	0.140	0.019	0.004	0.147	0.074	0.132	0.295	0.070	0.114	1988
1989	0.031	0.021	0.030	0.258	0.231	0.077	0.014	0.004	0.010	0.009	0.132	0.028	0.070	1989
1990	0.021	0.020	0.160	0.269	0.143	0.054	0.034	0.008	0.006	0.114	0.125	0.052	0.084	1990
MEAN	0.030	0.020	0.062	0.310	0.140	0.063	0.020	0.030	0.057	0.106	0.122	0.056	0.085	MEAN

LOCATION - LAT 47 02 48 N DRAINAGE AREA, 4.08 km²
LONG 084 24 14 W NATURAL FLOW

NORBERG CREEK (SITE D) BELOW WISHART LAKE - STATION NO. 02BF008

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1980	---	---	---	---	1980
1981	1.67 E AT 13:00 EST ON JUN 15	1.49 ON MAR 30	0.004 ON SEP 23	2 880	1981
1982	1.86 AT 16:33 EST ON OCT 20	0.962 ON APR 26	0.003 ON AUG 02	2 880	1982
1983	1.56 AT 22:38 EST ON APR 14	1.05 ON APR 15	0.002 ON SEP 01	2 470	1983
1984	1.20 AT 17:02 EST ON NOV 01	0.765 ON APR 16	0.012 ON SEP 04	2 690	1984
1985	2.30 AT 19:24 EST ON APR 22 *	1.83 ON APR 22 *	0.008 ON AUG 04	2 990	1985
1986	0.944 AT 00:58 EST ON APR 20	0.787 ON APR 20	0.008 ON JUL 12	2 640	1986
1987	0.416 AT 05:00 EST ON APR 12	0.403 ON APR 12	0 ON AUG 12 *	1 810	1987
1988	2.26 AT 16:55 EST ON NOV 27	1.58 ON APR 06	0.002 ON JUL 31	3 590	1988
1989	1.10 AT 22:22 EST ON APR 27	0.956 ON APR 27	0.001 ON AUG 11	2 220	1989
1990	1.20 AT 20:45 EST ON APR 25	1.13 B ON MAR 16	0.001 ON SEP 07	2 650	1990
	B - ICE CONDITIONS E - ESTIMATED	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		2 680	MEAN

NORBERG CREEK (SITE E) BELOW BATCHAWANA LAKE - STATION NO. 02BF009

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1981	---	---	0.102	0.204	0.042	0.119	0.008	0.007	0.001	0.033	0.032	0.015	---	1981
1982	0.013	0.009	0.017	0.211	0.219	0.008	0.004	0.001	0.060	0.146	0.107	0.062	0.072	1982
1983	0.019	0.011	0.052	0.166	0.116	0.040	0.007	0.004	0.018	0.081	0.069	0.028	0.051	1983
1984	0.014	0.034	0.022	0.161	0.052	0.017	0.020	0.010	0.062	0.084	0.105	0.060	0.053	1984
1985	0.020	0.010	0.026	0.254	0.056	0.032	0.007	0.010	0.084	0.094	0.069	0.016	0.056	1985
1986	0.012	0.009	0.025	0.265	0.030	0.027	0.033	0.044	0.096	0.086	0.046	0.022	0.058	1986
1987	0.018	0.011	0.058	0.113	0.040	0.009	0.003	0.018	0.027	0.071	0.072	0.050	0.041	1987
1988	0.018	0.013	0.030	0.264	0.076	0.002	0.001	0.088	0.052	0.088	0.193	0.029	0.071	1988
1989	0.016	0.012	0.030	0.164	0.151	0.043	0.003	0.001	0.006	0.010	0.087	0.015	0.045	1989
1990	0.012	0.013	0.089	0.191	0.085	0.045	0.016	0.001	0.004	0.095	0.092	0.023	0.056	1990
MEAN	0.016	0.014	0.045	0.199	0.087	0.034	0.010	0.018	0.041	0.079	0.087	0.032	0.056	MEAN

LOCATION - LAT 47 03 38 N DRAINAGE AREA, 2.14 km²
LONG 084 23 55 W NATURAL FLOW

NORBERG CREEK (SITE E) BELOW BATCHAWANA LAKE - STATION NO. 02BF009

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1981	2.19 AT 01:00 EST ON MAR 30	1.21 ON MAR 30	0 ON JUL 23 *	---	1981
1982	2.60 AT 13:30 EST ON OCT 20	1.21 ON OCT 20	0 ON AUG 01	2 260	1982
1983	3.38 AT 13:50 EST ON APR 14 *	1.32 ON APR 14 *	0 ON JUL 26	1 610	1983
1984	---	0.927E ON OCT 28	0.002 ON AUG 20	1 680	1984
1985	1.94 AT 19:19 EST ON SEP 03	1.04 ON APR 22	0.002 ON AUG 02	1 780	1985
1986	1.34 AT 17:40 EST ON OCT 12	0.578 ON APR 19	0.001 ON JUL 11	1 820	1986
1987	0.584 AT 18:32 EST ON NOV 17	0.364 ON NOV 17	0 A ON JUL 07	1 290	1987
1988	---	1.21 ON NOV 27	0 ON JUN 18	2 240	1988
1989	0.987 AT 20:30 EST ON NOV 05	0.600 ON APR 27	0 ON JUL 09	1 410	1989
1990	1.43 AT 05:44 EST ON OCT 18	0.898 ON OCT 18	0 ON AUG 07	1 750	1990
				1 760	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX)
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

NORBERG CREEK (SITE F) AT OUTLET OF BATCHAWANA LAKE - STATION NO. 02BF012

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1982	---	---	---	---	---	---	---	---	---	0.043	0.033	0.023	---	1982
1983	0.011	0.005	0.022	0.053	0.041	0.016	0.004	0.002	0.008	0.034	0.020	0.014	0.020	1983
1984	0.008	0.015	0.013	0.088	0.025	0.005	0.008	0.006	0.033	0.034	0.047	0.034	0.026	1984
1985	0.011	0.008	0.013	0.114	0.025	0.018	0.005	0.003	0.034	0.037	0.025	0.010	0.025	1985
1986	0.006	0.004	0.011	0.098	0.013	0.010	0.011	0.018	0.031	0.032	0.017	0.011	0.022	1986
1987	0.008	0.006	0.017	0.041	0.014	0.004	0	0.007	0.011	0.022	0.025	0.021	0.015	1987
1988	0.011	0.006	0.013	0.100	0.031	0.001	0	0.035	0.017	0.030	0.075	0.015	0.028	1988
1989	0.009	0.008	0.017	0.059	0.067	0.018	0.001	0	0.002	0.002	0.035	0.007	0.019	1989
1990	0.008	0.008	0.035	0.070	0.026	0.019	0.008	0.001	0	0.037	0.037	0.012	0.022	1990
MEAN	0.009	0.008	0.018	0.078	0.030	0.011	0.005	0.009	0.017	0.030	0.036	0.016	0.022	MEAN

LOCATION - LAT 47 03 47 N DRAINAGE AREA, 1.15 km²
LONG 084 23 36 W NATURAL FLOW

NORBERG CREEK (SITE F) AT OUTLET OF BATCHAWANA LAKE - STATION NO. 02BF012

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1982	0.638 AT 12:16 EST ON OCT 20	0.317R ON OCT 20	---	---	1982
1983	0.566 AT 18:20 EST ON APR 14	0.293 ON APR 14	0 ON SEP 01 *	626	1983
1984	0.588 AT 02:34 EST ON OCT 28	0.306 ON OCT 28	0 E ON JUN 13	827	1984
1985	0.859 AT 21:23 EST ON SEP 03 *	0.473 ON APR 22	0.001 ON AUG 04	797	1985
1986	0.461 AT 18:29 EST ON OCT 12	0.212 ON APR 19	0.001E ON JUN 03	686	1986
1987	0.199 AT 16:11 EST ON NOV 17	0.104 ON APR 11	0 ON JUN 23	465	1987
1988	0.622 AT 14:00 EST ON NOV 27	0.488 ON AUG 14 *	0 ON JUN 09	876	1988
1989	0.325 AT 23:00 EST ON NOV 05	0.224 ON APR 27	0 ON JUN 25	591	1989
1990	0.747 AT 07:18 EST ON OCT 18	0.418 ON OCT 18	0 E ON AUG 07	686	1990
				694	MEAN

E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD
R - REVISED SINCE JAN 01 1989

NORDIC MINE TAILINGS DITCH (SITE 1) NEAR ELLIOT LAKE - STATION NO. 02CD008

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1984	---	---	---	---	---	---	---	---	0.014	0.028	---	---	---	1984
1985	---	---	---	---	---	0.032	0.002	0.004	0.003	0.022	---	---	---	1985
MEAN	---	---	---	---	---	0.032	0.002	0.004	0.009	0.025	---	---	---	MEAN

LOCATION - LAT 46 23 15 N DRAINAGE AREA, 2.09 km²
LONG 082 34 57 W NATURAL FLOW

REMARKS - SEASONAL OPERATION (APR-NOV). DISCONTINUED JUN 1986.

NORDIC MINE TAILINGS DITCH (SITE 1) NEAR ELLIOT LAKE - STATION NO. 02CD008

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1984	---	---	---	---	1984
1985	---	---	---	---	1985
				---	MEAN

NORDIC MINE TAILINGS DITCH (SITE 2) NEAR ELLIOT LAKE - STATION NO. 02CD009

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1984	---	---	---	---	0.015	---	---	---	0.012	0.003	---	---	---	1984
1985	---	---	---	0.019	0.040	0.031	---	---	---	0.028	---	---	---	1985
MEAN	---	---	---	0.019	0.028	0.031	---	---	0.012	0.016	---	---	---	MEAN

LOCATION - LAT 46 23 13 N DRAINAGE AREA, 2.76 km^2
LONG 082 34 19 W NATURAL FLOW

REMARKS - SEASONAL OPERATION (APR-NOV). DISCONTINUED JUN 1986.

NORDIC MINE TAILINGS DITCH (SITE 2) NEAR ELLIOT LAKE - STATION NO. 02CD009

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1984	---	---	---	---	1984
1985	---	---	---	---	1985
				---	MEAN

NORDIC MINE TAILINGS DITCH (SITE 3) NEAR ELLIOT LAKE - STATION NO. 02CD010

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1984	---	---	---	---	0.045	0.044	0.026	0.034	0.042	0.037	---	---	---	1984
MEAN	---	---	---	---	0.045	0.044	0.026	0.034	0.042	0.037	---	---	---	MEAN

LOCATION - LAT 46 22 55 N DRAINAGE AREA, 3.01 km^2
LONG 082 34 46 W NATURAL FLOW

REMARKS - SEASONAL OPERATION (APR-NOV). DISCONTINUED JUN 1986.

NORDIC MINE TAILINGS DITCH (SITE 3) NEAR ELLIOT LAKE - STATION NO. 02CD010

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1984	---	---	---	---	1984
				---	MEAN

NORTH BRANCH MUSKOKA RIVER AT PORT SYDNEY - STATION NO. 02EB004

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1915	---	---	---	---	---	---	10.5	8.27	7.06	23.3	18.0	19.3	---	1915
1916	22.6	31.2	16.2	90.7	49.5	28.3	9.24	5.50	3.84	15.7	25.3	50.3	28.9	1916
1917	16.7	5.62	9.75	91.5	43.3	25.4	36.3	9.77	5.25	8.06	13.5	13.3	23.2	1917
1918	6.51	7.19	19.9	58.9	30.3	12.7	7.45	6.07	5.33	25.7	26.1	33.0	20.6	1918
1919	24.4	17.3	33.2	71.7	46.5	16.8	5.25	5.95	10.5	32.7	49.8	39.9	29.5	1919
1920	12.2	7.00	30.5	62.3	27.4	11.6	8.03	3.02	6.48	9.37	18.2	34.6	19.2	1920
1921	25.4	10.6	68.7	69.8	27.1	9.57	4.83	4.17	4.13	4.88	5.95	28.7	22.1	1921
1922	17.0	7.66	15.2	99.3	27.6	8.69	11.2	8.12	5.73	5.52	10.7	11.6	19.0	1922
1923	10.4	8.99	16.5	63.4	75.8	24.8	5.85	5.07	5.25	4.20	13.6	28.0	21.9	1923
1924	20.0	13.2	22.1	64.8	57.9	16.7	11.1	4.01	3.74	5.91	4.28	16.0	20.0	1924
1925	6.52	18.7	32.3	74.7	26.9	18.1	9.24	4.52	5.36	5.90	23.0	17.5	20.1	1925
1926	9.28	6.91	16.4	29.1	89.6	35.4	18.3	9.95	10.3	12.2	67.3	31.1	28.1	1926
1927	16.2	14.7	38.8	40.8	38.1	26.7	21.4	8.97	7.84	15.9	30.4	30.9	24.3	1927
1928	23.1	16.5	26.1	137	52.4	17.7	21.8	19.0	23.2	65.3	46.7	35.0	40.3	1928
1929	33.9	27.6	54.5	115	70.3	16.7	8.06	9.78	5.97	3.91	6.77	5.46	29.8	1929
1930	11.5	16.1	27.1	64.4	56.7	24.6	9.15	9.24	5.96	6.68	12.7	6.32	20.8	1930
1931	2.88	8.46	14.4	54.4	32.7	4.20	1.80	1.31	0.547	2.32	19.0	20.8	13.6	1931
1932	32.1	29.0	23.2	66.5	26.9	12.8	11.6	7.03	27.7	32.9	44.1	22.7	27.9	1932
1933	25.8	14.9	14.9	91.3	36.5	12.9	11.3	4.78	2.61	5.53	7.15	12.3	19.9	1933
1934	7.84	6.91	17.2	72.5	48.5	10.9	5.97	5.75	4.94	4.47	24.2	19.0	19.0	1934
1935	12.2	8.52	31.1	46.2	20.3	30.6	18.3	6.62	4.79	12.7	26.3	19.5	19.8	1935
1936	10.9	10.9	27.2	58.9	65.0	27.0	9.35	4.25	6.64	18.5	23.2	15.8	23.1	1936
1937	63.3	27.6	20.0	70.1	45.9	14.8	10.0	7.33	7.95	19.2	48.2	17.9	29.3	1937
1938	14.3	18.1	48.6	88.8	31.4	18.4	5.88	4.77	16.5	13.3	18.5	15.5	24.3	1938
1939	17.6	13.4	13.9	65.0	80.9	12.8	5.78	6.37	8.85	6.83	15.7	7.91	21.3	1939
1940	7.59	5.55	6.69	38.0	57.3	19.8	7.10	8.23	24.9	19.1	33.5	22.2	20.8	1940
1941	20.1	11.6	10.6	89.3	21.8	9.04	4.45	4.01	4.45	10.4	44.5	21.8	20.9	1941
1942	17.5	10.5	32.2	81.8	39.7	15.6	7.76	6.32	11.8	23.0	43.3	17.3	25.5	1942
1943	13.1	13.2	16.3	61.8	107	22.6	10.1	6.91	6.69	6.47	12.4	9.13	23.9	1943
1944	6.96	8.65	7.61	47.6	39.9	10.2	7.83	5.83	4.75	19.0	18.9	14.0	15.9	1944
1945	9.45	6.83	61.3	51.9	33.6	32.7	9.94	6.53	6.94	15.1	25.4	12.5	22.7	1945
1946	24.8	17.0	61.5	36.3	30.3	14.0	5.30	4.11	4.67	4.78	16.4	27.1	20.6	1946
1947	18.5	17.2	16.9	104	82.8	32.9	18.5	10.1	6.42	6.38	9.99	13.0	28.0	1947
1948	9.43	8.11	41.7	84.7	40.8	13.6	7.63	5.30	4.91	5.28	32.9	22.6	23.0	1948
1949	20.5	19.7	35.1	98.2	26.5	15.6	11.0	5.67	4.44	7.19	5.46	26.6	22.9	1949
1950	51.1	24.0	15.5	56.7	28.3	13.9	7.45	7.93	7.46	5.11	16.1	20.7	21.1	1950
1951	18.0	11.1	28.1	134	35.4	9.84	11.3	7.17	7.39	23.2	53.8	32.8	30.7	1951
1952	28.0	18.5	15.8	87.1	27.8	14.8	8.77	6.99	12.9	8.44	18.0	31.4	23.1	1952
1953	19.1	17.5	50.8	50.5	37.9	12.9	6.16	6.02	5.96	6.76	6.15	14.8	18.5	1953
1954	12.6	13.5	38.3	70.9	31.6	24.9	7.50	7.61	8.62	49.1	28.0	20.8	26.1	1954
1955	15.4	13.0	15.2	84.0	15.1	7.98	6.06	6.82	4.06	4.77	22.1	10.6	17.0	1955
1956	7.90	9.11	12.2	38.8	62.2	25.7	15.9	8.53	21.6	17.6	19.9	20.1	21.6	1956
1957	16.3	16.6	21.4	41.8	20.8	18.6	44.7	4.49	24.7	17.9	48.7	51.3	27.3	1957
1958	26.5	15.2	15.0	39.0	7.82	9.81	13.6	8.19	11.1	12.7	17.0	12.3	15.6	1958
1959	11.3	17.0	16.9	82.4	60.0	14.1	7.71	12.2	12.9	18.9	46.3	31.4	27.5	1959
1960	16.2	15.3	14.6	103	59.5	17.7	19.7	11.3	10.1	7.84	25.3	15.2	26.2	1960
1961	10.4	8.02	16.8	58.0	29.5	10.3	16.0	10.7	10.6	6.68	7.81	16.0	16.7	1961
1962	11.3	16.9	11.2	57.9	28.2	6.36	4.28	5.62	4.90	5.55	7.04	9.31	14.0	1962
1963	9.61	6.54	13.2	53.8	42.9	13.0	5.59	7.97	9.21	7.44	13.3	14.3	16.4	1963
1964	12.8	15.5	20.9	39.5	23.6	6.33	3.40	4.73	8.54	11.6	10.6	25.6	15.3	1964
1965	21.0	18.8	19.7	57.2	54.2	7.82	5.92	9.68	21.2	51.2	38.5	41.6	29.0	1965
1966	29.2	18.6	29.7	43.5	27.7	19.2	6.54	4.52	6.44	11.3	44.4	59.8	25.1	1966
1967	21.2	24.1	18.7	78.9	23.8	29.4	16.8	10.7	10.7	29.5	63.0	31.5	29.7	1967
1968	20.3	26.5	25.2	51.9	13.5	12.5	11.6	10.3	16.2	12.1	13.3	21.6	19.5	1968
1969	16.9	17.8	23.2	64.8	49.6	20.3	10.8	9.62	11.2	15.8	44.6	24.6	25.7	1969
1970	14.1	13.6	13.9	60.0	46.7	13.0	36.1	13.0	13.3	25.4	26.1	32.4	25.7	1970
1971	17.6	16.3	25.3	77.2	48.0	12.6	7.79	6.81	7.72	6.75	8.99	21.5	21.4	1971
1972	17.9	20.0	16.8	65.7	70.7	24.3	18.9	24.1	15.6	26.7	31.9	19.7	29.3	1972
1973	27.9	29.2	66.9	70.9	38.6	38.1	14.3	15.7	10.0	14.4	19.8	27.7	31.1	1973
1974	19.3	25.9	29.9	87.2	57.3	16.3	7.62	10.2	9.92	31.6	41.8	21.5	29.8	1974
1975	17.5	17.1	30.6	56.1	54.2	6.33	6.16	7.20	12.1	13.7	14.3	36.4	22.7	1975
1976	16.3	20.4	49.2	94.4	27.3	10.4	11.2	7.08	7.93	8.06	7.55	19.0	23.2	1976
1977	9.95	9.56	40.9	69.7	15.9	6.10	5.57	6.26	16.2	36.7	35.2	31.5	23.6	1977
1978	20.7	13.6	12.9	57.1	35.4	14.8	8.02	8.64	19.8	21.2	22.9	20.8	22.8	1978
1979	20.5	15.6	48.8	84.5	44.3	17.9	7.19	8.15	13.1	25.3	38.2	35.1	29.9	1979
1980	31.4	16.8	24.8	106	23.4	25.9	15.4	15.6	25.1	33.6	36.2	26.7	31.6	1980
1981	16.4	34.5	40.9	53.5	26.8	14.6	10.5	10.8	87.1	40.9	21.5	23.2	31.7	1981
1982	19.5	16.8	20.9	83.9	37.2	19.7	10.4	8.33	16.3	21.2	38.1	56.1	29.0	1982
1983	41.4	22.9	37.3	39.8	65.5	20.6	5.78	2.77	11.5	17.9	18.8	22.2	25.6	1983
1984	19.5	39.1	32.1	73.8	44.3	22.0	15.4	8.16	14.6	13.7	27.4	29.5	28.2	1984
1985	34.7	22.9	39.6	110	50.8	13.7	18.4	17.8	34.1	31.5	42.1	31.1	37.2	1985
1986	22.6	18.9	33.7	87.7	32.9	26.1	11.8	10.6	20.1	30.4	17.7	21.0	27.7	1986
1987	14.9	15.6	25.8	59.0	13.4	10.3	4.24	2.63	7.94	10.5	15.1	29.2	17.3	1987
1988	21.7	30.3	23.8	94.3	36.1	5.63	3.24	6.99	12.7	29.4	40.1	21.2	27.0	1988
1989	20.6	17.1	26.9	79.1	44.6	32.8	6.83	3.49	7.31	4.63	17.8	14.3	22.9	1989
1990	17.3	17.1	44.7	61.4	36.2	12.5	6.23	4.77	5.70	21.5	30.7	38.9	24.8	1990
MEAN	18.7	16.3	27.1	70.7	41.8	17.1	10.9	7.80	11.5	16.6	25.5	24.0	24.0	MEAN

LOCATION - LAT 45 12 45 N DRAINAGE AREA, 1 390 km²
LONG 079 16 30 W REGULATED

REMARKS - CONVERTED TO RECORDER AUG 19 1986.

NORTH BRANCH MUSKOKA RIVER AT PORT SYDNEY - STATION NO. 02EB004

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1915	---	---	---	---	1915
1916	---	123 ON APR 22	1.50 ON SEP 10	915 000	1916
1917	---	136 ON APR 26	2.24 ON SEP 27	733 000	1917
1918	---	88.9 ON APR 08	2.55 ON JUL 25	651 000	1918
1919	---	97.1 ON APR 18	2.83 ON AUG 02	931 000	1919
1920	---	114 ON APR 02	1.27 ON FEB 29	608 000	1920
1921	---	149 ON MAR 26	0.396 ON MAY 21	696 000	1921
1922	---	157 ON APR 18	3.91 ON SEP 29	598 000	1922
1923	---	133 ON MAY 01	3.06 ON NOV 17	690 000	1923
1924	---	81.6 ON MAY 10	0.198 ON JUN 21	632 000	1924
1925	---	97.1 ON APR 07	2.27 B ON JAN 10	635 000	1925
1926	---	145 ON MAY 08	5.04 ON JAN 01	885 000	1926
1927	---	71.6 ON APR 22	4.30 ON AUG 20	765 000	1927
1928	---	228 ON APR 13 *	3.48 ON JUN 06	1 280 000	1928
1929	---	156 ON APR 14	2.89 R ON OCT 18	939 000	1929
1930	---	122 ON APR 22	2.21 R ON OCT 17	657 000	1930
1931	---	109 ON APR 19	0.142R ON SEP 15 *	428 000	1931
1932	---	97.7 ON APR 13	0.312 ON DEC 01	883 000	1932
1933	---	149 R ON APR 21	1.70 R ON SEP 21	629 000	1933
1934	---	108 ON APR 25	4.47 E ON OCT 01	600 000	1934
1935	---	73.9 ON APR 18	4.08 ON SEP 27	624 000	1935
1936	---	120 ON MAY 05	2.78 ON SEP 25	732 000	1936
1937	---	105 ON APR 25	2.04 ON JUN 30	924 000	1937
1938	---	145 ON APR 01	2.92 ON AUG 16	765 000	1938
1939	---	161 ON MAY 01	2.49 ON OCT 21	671 000	1939
1940	---	98.0 ON MAY 29	4.81 ON FEB 21	658 000	1940
1941	---	160 ON APR 21	2.35 ON OCT 01	659 000	1941
1942	---	116 ON APR 07	2.44 ON SEP 04	805 000	1942
1943	---	159 ON MAY 03	1.73 ON NOV 03	752 000	1943
1944	---	105 ON APR 28	3.62 ON SEP 27	503 000	1944
1945	---	128 ON MAR 24	5.10 ON SEP 01	718 000	1945
1946	---	107 ON MAR 23	1.64 ON AUG 10	649 000	1946
1947	---	162 ON APR 16	5.66 ON NOV 05	884 000	1947
1948	---	118 ON MAR 28	3.68 ON OCT 06	729 000	1948
1949	---	114 ON APR 05	3.68 ON NOV 08	723 000	1949
1950	---	72.5 ON APR 06	3.91 ON AUG 11	667 000	1950
1951	---	162 ON APR 16	5.66 ON AUG 13	967 000	1951
1952	---	121 ON APR 23	5.18 ON JUL 08	731 000	1952
1953	---	121 ON MAR 29	3.03 ON JUL 04	585 000	1953
1954	---	128 ON APR 18	5.86 ON JUL 10	825 000	1954
1955	---	145 R ON APR 20	0.481 ON OCT 11	535 000	1955
1956	---	151 ON MAY 15	0.934 ON JUN 14	685 000	1956
1957	---	146 ON JUL 05	3.17 ON OCT 17	861 000	1957
1958	---	61.2R ON APR 23	3.65 ON MAY 31	493 000	1958
1959	---	138 R ON APR 27	4.13 ON JUL 10	869 000	1959
1960	---	154 ON APR 23	5.07 ON JUN 17	829 000	1960
1961	---	104 ON APR 29	3.23 ON JUN 18	528 000	1961
1962	---	82.7 ON APR 25	3.09 ON SEP 11	440 000	1962
1963	---	104 ON APR 06	4.47 ON JUL 04	518 000	1963
1964	---	80.1 ON APR 17	3.11 ON JUL 01	482 000	1964
1965	---	114 ON MAY 04	3.40 ON JUL 02	913 000	1965
1966	---	102 ON NOV 30	2.75 ON AUG 02	792 000	1966
1967	---	114 ON NOV 05	6.99 ON SEP 25	938 000	1967
1968	---	98.3 ON APR 09	7.22 ON AUG 20	617 000	1968
1969	---	102 ON APR 18	6.23 ON JUL 16	811 000	1969
1970	---	129 ON APR 28	6.03 ON JUN 11	811 000	1970
1971	---	147 ON APR 25	5.66 ON AUG 22	674 000	1971
1972	---	126 ON APR 26	8.21 ON SEP 26	928 000	1972
1973	---	117 ON APR 06	6.99 ON JUL 26	981 000	1973
1974	---	157 ON APR 20	4.81 ON JUL 20	940 000	1974
1975	---	145 ON MAY 01	4.59 ON JUN 03	715 000	1975
1976	---	166 ON APR 05	2.97 ON AUG 04	732 000	1976
1977	---	110 ON APR 06	3.51 ON AUG 29	745 000	1977
1978	---	112 ON MAY 01	4.45 ON AUG 15	719 000	1978
1979	---	130 ON APR 03	4.37 ON JUL 19	943 000	1979
1980	---	186 ON APR 15	7.93 ON AUG 21	1 000 000	1980
1981	---	163 ON SEP 06	5.85 ON APR 19	1 000 000	1981
1982	---	144 ON APR 23	7.38 ON JUL 10	915 000	1982
1983	---	122 ON MAY 10	2.41 ON AUG 21	807 000	1983
1984	---	108 ON MAY 25	4.95 ON AUG 11	891 000	1984
1985	---	204 ON APR 26	7.40 ON JUN 11	1 170 000	1985
1986	---	156 A ON APR 08	6.45 A ON JUL 18	875 000	1986
1987	95.6 AT 08:09 EST ON APR 08	95.0 ON APR 07	2.30 ON AUG 08	547 000	1987
1988	159 AT 19:29 EST ON APR 10 *	157 ON APR 10	2.02 ON JUL 15	853 000	1988
1989	99.5 AT 06:17 EST ON APR 07	98.6 ON APR 07	2.16 ON JUL 30	722 000	1989
1990	98.3 AT 17:49 EST ON NOV 29	96.4 ON NOV 30	4.37 ON AUG 22	782 000	1990
				757 000	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX)
B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD
R - REVISED SINCE JAN 01 1989

NORTH BRANCH MUSKOKA RIVER NEAR PORT SYDNEY - STATION NO. 02EB007

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1939	---	---	---	---	---	---	6.47	6.95	9.28	7.75	16.3	8.85	---	1939
1940	7.82	6.31	7.21	38.8	56.0	20.8	7.66	8.50	23.3	18.8	31.5	22.1	20.7	1940
1941	19.8	11.7	11.1	89.6	22.3	9.59	5.05	4.65	5.14	10.9	42.7	23.2	21.2	1941
1942	17.6	11.3	31.9	79.5	39.6	16.7	7.62	6.68	11.4	21.5	42.2	17.6	25.2	1942
1943	13.6	13.6	16.4	62.7	107	23.3	10.7	7.26	7.05	6.94	12.9	10.1	24.3	1943
1944	7.63	9.40	8.59	48.2	38.7	11.0	8.09	6.36	5.33	19.4	19.9	14.5	16.4	1944
1945	9.80	6.66	63.0	53.1	33.9	31.2	9.33	5.12	5.66	15.0	25.7	12.9	22.7	1945
1946	24.5	17.2	62.0	38.2	31.9	14.0	5.37	4.39	4.43	4.51	14.9	26.7	20.7	1946
1947	19.6	17.9	17.9	106	84.8	31.7	18.5	9.89	6.26	5.80	10.1	13.1	28.5	1947
1948	9.49	8.13	41.6	86.8	42.1	14.0	7.93	5.53	4.99	5.18	31.5	23.0	23.3	1948
1949	22.0	21.8	36.0	99.7	27.3	15.6	11.2	5.75	4.56	6.48	6.28	26.4	23.5	1949
1950	50.4	25.6	16.2	56.3	28.6	14.7	7.54	8.18	7.48	5.28	16.9	21.7	21.5	1950
1951	18.6	11.3	28.9	132	36.7	10.8	11.4	7.38	7.67	23.4	53.7	34.5	31.3	1951
1952	28.5	19.4	16.6	89.8	28.8	16.3	9.53	7.74	12.9	8.27	18.1	31.9	23.9	1952
1953	19.3	17.8	52.8	52.1	27.1	13.6	6.50	6.25	6.19	7.00	6.42	15.1	19.2	1953
1954	12.9	14.2	38.6	71.8	33.5	25.7	7.67	7.77	9.46	50.1	29.8	22.9	27.1	1954
1955	16.8	13.4	16.7	86.5	16.7	8.34	6.58	7.23	4.38	5.09	22.8	10.9	17.9	1955
1956	8.14	9.38	12.6	39.5	62.9	26.6	17.6	9.43	21.9	18.0	20.0	21.5	22.3	1956
1957	17.3	17.9	22.6	42.8	22.4	20.9	45.6	4.99	25.5	20.0	48.7	52.9	28.5	1957
1958	27.6	15.9	16.2	40.3	8.26	10.2	14.0	8.08	11.0	13.5	17.7	13.0	16.3	1958
1959	11.5	17.3	17.9	83.7	59.4	14.9	8.15	13.3	13.4	19.6	47.2	32.9	28.2	1959
1960	16.9	16.2	14.3	104	62.6	18.8	20.5	12.1	9.97	7.95	26.5	16.2	27.1	1960
1961	10.8	8.58	17.8	58.9	31.3	11.4	16.2	11.2	10.8	7.11	8.38	17.7	17.5	1961
1962	11.9	17.9	12.3	62.0	31.0	6.71	4.78	5.87	4.96	---	---	---	---	1962
MEAN	17.5	14.3	25.2	70.5	40.5	16.8	11.4	7.53	9.71	13.4	24.8	21.3	23.0	MEAN

LOCATION - LAT 45 10 58 N DRAINAGE AREA, 1 440 km²
LONG 079 16 34 W REGULATED

NORTH BRANCH MUSKOKA RIVER NEAR PORT SYDNEY - STATION NO. 02EB007

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1939	---	---	---	---	1939
1940	---	94.3 ON MAY 06	4.36 ON JUL 30	656 000	1940
1941	---	159 ON APR 21	3.57 ON SEP 29	669 000	1941
1942	---	114 ON APR 08	2.89 ON SEP 06	796 000	1942
1943	---	166 ON MAY 04 *	2.55 ON NOV 05	768 000	1943
1944	---	102 ON APR 27	4.30 ON SEP 06	519 000	1944
1945	---	127 ON MAR 23	4.22 ON SEP 03	715 000	1945
1946	---	106 ON MAR 23	1.67 ON AUG 11	654 000	1946
1947	---	164 ON APR 17	4.36 ON OCT 27	898 000	1947
1948	---	122 ON APR 12	3.17 ON OCT 06	737 000	1948
1949	---	116 ON APR 06	2.10 ON OCT 25	742 000	1949
1950	---	72.8 ON APR 05	3.88 ON AUG 21	679 000	1950
1951	---	164 ON APR 16	5.89 ON AUG 15	988 000	1951
1952	---	127 ON APR 24	6.12 ON AUG 13	756 000	1952
1953	---	123 ON MAR 29	3.62 ON JUL 05	605 000	1953
1954	---	128 ON APR 18	6.03 ON JUL 10	854 000	1954
1955	---	150 ON APR 20	0.481 ON OCT 12 *	563 000	1955
1956	---	153 ON MAY 15	2.29 ON JUN 14	706 000	1956
1957	---	149 ON JUL 05	3.96 ON AUG 13	898 000	1957
1958	---	61.4 ON APR 23	4.02 ON MAY 31	514 000	1958
1959	---	140 ON APR 26	4.30 ON JUL 10	891 000	1959
1960	---	155 ON APR 22	6.26 ON JUN 17	858 000	1960
1961	---	112 ON APR 28	4.11 ON JUN 18	553 000	1961
1962	---	86.7 ON APR 25	---	---	1962
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		728 000	MEAN

NORTH BRANCH SOUTH NATION RIVER NEAR HECKSTON - STATION NO. 02LB017

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1978	2.11	1.36	1.51	6.33	0.598	0.076	0.005	0.003	0.001	0.004	0.037	0.082	1.00	1978
1979	0.241	0.214	3.77	2.21	0.424	0.107	0.025	0.004	0.124	0.248	0.936	1.34	0.808	1979
1980	0.449	0.023	2.88	2.85	0.775	0.075	0.047	0.030	0.045	0.505	1.02	1.18	0.826	1980
1981	0.206	3.72	1.00	0.735	0.741	0.806	0.099	0.713	1.74	1.45	1.34	0.479	1.06	1981
1982	0.460	0.248	2.15	4.02	0.276	0.315	0.119	0.374	0.261	0.267	1.11	1.47	0.922	1982
1983	0.546	0.620	2.58	2.82	1.75	0.176	0.015	0.003	0	0.005	1.05	1.63	0.935	1983
1984	0.396	1.86	1.43	4.59	1.13	0.268	0.012	0.026	0.030	0.037	0.059	0.185	0.825	1984
1985	0.185	0.493	3.12	1.97	0.401	0.145	0.033	0.008	0.011	0.094	0.507	0.410	0.615	1985
1986	0.698	0.263	1.97	1.47	1.34	0.470	0.734	0.621	0.866	2.11	1.25	1.39	1.11	1986
1987	0.392	0.309	2.99	1.84	0.444	0.589	0.054	0.005	0.041	0.118	0.626	1.98	0.786	1987
1988	0.199	0.382	1.85	1.82	0.655	0.039	0.014	0.018	0.035	0.260	1.61	0.310	0.597	1988
1989	0.224	0.182	1.63	1.60	1.61	0.509	0.180	0.165	0.024	0.127	0.871	0.263	0.618	1989
1990	0.510	0.929	2.62	3.28	1.27	0.209	0.106	0.060	0.020	0.291	0.566	2.32	1.02	1990
MEAN	0.509	0.816	2.27	2.73	0.878	0.291	0.111	0.156	0.246	0.424	0.845	1.00	0.856	MEAN

LOCATION - LAT 44 59 40 N DRAINAGE AREA, 69.2 km²
LONG 075 31 00 W NATURAL FLOW

NORTH BRANCH SOUTH NATION RIVER NEAR HECKSTON - STATION NO. 02LB017

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1978	15.2 AT 18:26 EST ON APR 13 *	13.2 ON APR 12	0 ON SEP 10 *	31 600	1978
1979	10.1 AT 05:30 EST ON MAR 25	9.90 ON MAR 25	0.001 ON JUL 22	25 500	1979
1980	---	14.6 B ON MAR 22 *	0.006 ON JUL 15	26 100	1980
1981	---	13.5 B ON FEB 21	0.016 ON AUG 04	33 500	1981
1982	---	14.6 B ON APR 01	0.030 ON AUG 22	29 100	1982
1983	9.50 AT 18:53 EST ON MAR 19	8.46 ON MAR 20	0 ON AUG 12	29 500	1983
1984	14.9 AT 02:06 EST ON APR 06	14.1 ON APR 06	0.004 ON JUL 15	26 100	1984
1985	10.1 AT 22:33 EST ON APR 05	8.41B ON MAR 13	0 ON AUG 23	19 400	1985
1986	13.0 AT 13:25 EST ON SEP 30	10.1 ON MAY 23	0.091 ON JUL 24	34 900	1986
1987	---	11.5 E ON MAR 26	0.001 ON AUG 14	24 800	1987
1988	---	9.01B ON MAR 26	0 ON AUG 08	18 900	1988
1989	---	8.16B ON MAR 28	0.014 ON SEP 21	19 500	1989
1990	11.3 AT 12:54 EST ON APR 04	10.8 B ON DEC 30	0.009 ON SEP 06	32 000	1990
	B - ICE CONDITIONS E - ESTIMATED	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		27 000	MEAN

NORTH CREEK AT DELHI - STATION NO. 02GC005

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1954	---	---	---	---	---	---	---	---	---	1.54	0.680	0.628	---	1954
1955	0.798	0.689	1.70	1.16	0.488	0.292	0.286	0.255	0.238	0.495	0.713	0.714	0.652	1955
1956	0.374	0.735	1.78	1.03	1.32	0.444	0.414	0.497	0.422	0.347	0.383	0.584	0.695	1956
1957	0.672	0.709	0.735	1.02	0.590	0.388	0.394	0.432	0.537	0.433	0.821	1.15	0.656	1957
1958	0.474	0.417	0.837	0.626	0.296	0.281	0.245	0.174	0.209	0.215	0.282	0.282	0.361	1958
1959	0.508	0.562	1.18	0.939	0.571	0.341	0.185	0.160	0.211	0.297	0.483	0.740	0.514	1959
1960	0.595	0.893	1.64	2.39	1.02	0.593	0.267	0.261	0.204	0.269	0.303	0.217	0.718	1960
1961	0.184	0.429	0.789	1.06	0.885	0.557	0.254	0.407	0.304	0.219	0.325	0.505	0.493	1961
1962	0.475	0.420	0.961	0.734	0.441	0.299	0.160	0.195	0.156	0.221	0.369	0.413	0.404	1962
1963	0.293	0.264	0.827	0.836	0.535	0.213	0.110	0.208	0.208	0.145	0.180	0.182	0.334	1963
1964	0.255	0.274	0.608	0.843	0.546	0.239	0.163	0.576	0.394	0.300	0.285	0.475	0.414	1964
1965	0.564	0.886	2.06	1.91	0.480	0.257	0.213	0.234	0.252	0.402	0.617	0.752	0.717	1965
1966	0.524	0.584	1.00	0.682	0.578	0.387	---	---	---	---	---	---	---	1966
MEAN	0.476	0.572	1.18	1.10	0.646	0.358	0.245	0.309	0.285	0.407	0.453	0.554	0.542	MEAN

LOCATION - LAT 42 51 10 N
LONG 080 30 35 W
DRAINAGE AREA, 54.4 km²
REGULATED

NORTH CREEK AT DELHI - STATION NO. 02GC005

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1954	---	---	---	---	1954
1955	---	8.18E ON MAR 01	0.170 ON JUL 05	20 600	1955
1956	---	10.2 ON MAR 07	0.283 ON JAN 19	22 000	1956
1957	---	4.33 ON APR 06	0.190 ON AUG 01	20 700	1957
1958	---	1.47 ON APR 07	0.085 ON AUG 04	11 400	1958
1959	---	3.37 ON MAR 06	0.057 ON AUG 04	16 200	1959
1960	---	28.3 ON MAR 31 *	0.127 ON SEP 08	22 700	1960
1961	---	2.97 ON APR 18	0.122 ON FEB 11	15 600	1961
1962	---	4.16 ON MAR 12	0 ON JUL 10 *	12 700	1962
1963	---	3.06 ON APR 20	0.011 ON JUN 26	10 500	1963
1964	---	1.78 ON AUG 23	0 ON JUL 29	13 100	1964
1965	---	14.2 E ON MAR 06	0 ON NOV 23	22 600	1965
1966	---	---	---	---	1966
	E - ESTIMATED	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		17 100	MEAN

NORTH CURRENT RIVER NEAR THUNDER BAY - STATION NO. 02AB014

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1972	0.460	0.343	0.264	3.61	5.51	0.634	1.53	0.212	0.232	0.452	0.794	0.433	1.21	1972
1973	0.249	0.105	0.729	4.24	2.10	1.10	0.508	0.402	2.41	1.52	2.61	0.834	1.40	1973
1974	0.257	0.169	0.270	5.11	5.47	2.13	2.10	0.939	0.900	1.42	1.36	0.780	1.75	1974
1975	1.49	0.577	0.373	3.75	3.24	0.740	0.393	0.152	0.177	0.325	0.645	0.662	1.04	1975
1976	0.185	0.182	0.264	8.40	1.58	0.925	0.323	0.032	0.008	0.034	0.045	0.028	0.991	1976
1977	0.004	0.003	0.256	1.65	0.945	0.416	0.185	0.605	7.96	2.62	2.41	1.10	1.51	1977
1978	0.441	0.203	0.124	2.02	4.20	0.901	0.214	0.062	0.474	0.206	0.159	0.204	0.777	1978
1979	0.174	0.150	0.247	4.44	6.35	1.10	0.251	0.169	0.508	0.531	1.50	0.482	1.33	1979
1980	0.176	0.125	0.313	3.30	1.54	0.165	0.250	0.340	3.53	1.98	1.29	0.561	1.13	1980
1981	0.328	0.258	0.498	5.90	2.04	2.49	0.401	0.083	0.077	0.388	0.398	0.274	1.09	1981
1982	0.205	0.142	0.101	3.83	4.46	0.500	1.38	0.934	0.388	3.90	2.13	0.887	1.58	1982
1983	0.487	0.402	0.512	3.37	4.23	1.91	0.860	0.417	0.144	1.79	1.74	1.13	1.42	1983
1984	0.443	0.361	0.249	4.25	2.72	2.06	0.566	0.251	0.186	1.12	1.51	2.50	1.35	1984
1985	0.475	0.226	0.272	5.35	4.42	1.99	0.560	0.844	1.27	3.41	1.88	0.423	1.76	1985
1986	0.288	0.270	0.324	5.24	2.65	0.385	0.226	0.256	0.302	0.397	1.90	0.519	1.05	1986
1987	0.327	0.263	0.286	1.52	0.397	0.253	0.066	0.189	0.380	1.54	0.788	0.262	0.522	1987
1988	0.093	0.090	0.263	3.13	1.53	0.340	0.088	1.60	1.20	1.37	3.19	0.896	1.15	1988
1989	0.493	0.348	0.241	3.34	5.69	1.04	0.233	0.137	0.199	0.132	0.245	0.165	1.03	1989
1990	0.136	0.112	0.187	2.49	2.76	2.56	0.590	0.210	0.318	1.00	0.915	0.418	0.975	1990
MEAN	0.353	0.228	0.304	3.94	3.25	1.14	0.564	0.412	1.09	1.27	1.34	0.661	1.21	MEAN

LOCATION - LAT 48 30 04 N DRAINAGE AREA, 111 km²
LONG 089 10 47 W NATURAL FLOW

NORTH CURRENT RIVER NEAR THUNDER BAY - STATION NO. 02AB014

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1972	---	22.8 ON MAY 02	0.085 ON SEP 04	38 300	1972
1973	---	10.1 ON NOV 22	0.091B ON FEB 09	44 100	1973
1974	---	20.2 ON JUL 09	0.139B ON JAN 08	55 100	1974
1975	---	10.9 B ON APR 28	0.068E ON AUG 13	32 900	1975
1976	---	27.2 ON APR 16	0.007 ON AUG 31	31 300	1976
1977	---	33.1 ON SEP 09 *	0.003B ON JAN 10 *	47 600	1977
1978	---	13.4 ON APR 29	0.025 ON AUG 14	24 500	1978
1979	24.6 AT 08:13 EST ON MAY 11	23.2 ON MAY 11	0.078 ON AUG 12	41 900	1979
1980	14.5 AT 07:24 EST ON SEP 20	12.5 ON SEP 20	0.071 ON JUL 09	35 600	1980
1981	11.9 AT 11:42 EST ON APR 09	9.23 ON APR 14	0.028 ON AUG 29	34 400	1981
1982	25.4 AT 02:02 EST ON APR 26	20.1 ON APR 26	0.097B ON MAR 16	49 900	1982
1983	14.4 AT 12:16 EST ON APR 27	13.3 ON APR 27	0.047 ON SEP 08	44 800	1983
1984	8.96 AT 12:51 EST ON APR 15	8.67 ON APR 15	0.065 ON SEP 01	42 700	1984
1985	32.8 AT 01:51 EST ON APR 21 *	25.1 ON APR 21	0.160 ON AUG 04	55 600	1985
1986	18.0 AT 22:17 EST ON APR 27	11.1 ON APR 28	0.085 ON JUL 11	33 200	1986
1987	3.39 AT 22:08 EST ON APR 10	3.27 ON APR 10	0.028 ON JUL 31	16 500	1987
1988	17.2 AT 23:53 EST ON NOV 16	13.7 ON NOV 17	0.045 ON JUL 28	36 300	1988
1989	17.9 AT 19:56 EST ON MAY 05	16.0 ON MAY 05	0.050 ON AUG 18	32 300	1989
1990	14.2 AT 18:44 EST ON JUN 12	9.86 ON JUN 13	0.059E ON SEP 08	30 800	1990
				38 300	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

NORTH FRENCH RIVER NEAR THE MOUTH - STATION NO. 04MF001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1966	---	---	---	---	---	---	---	---	---	---	---	74.7	---	1966
1967	28.4	14.4	9.18	57.0	495	106	65.5	81.8	17.9	45.0	66.3	35.0	86.0	1967
1968	19.1	11.2	11.6	353	190	45.7	221	257	175	238	89.9	36.4	138	1968
1969	20.6	16.4	15.9	44.4	317	151	143	117	99.2	165	49.7	26.8	97.9	1969
1970	17.4	12.6	9.30	20.4	121	132	69.7	38.2	156	93.3	49.1	27.7	62.4	1970
1971	17.4	12.1	8.97	73.0	276	90.9	168	254	306	210	41.9	16.9	124	1971
1972	11.2	8.67	7.91	11.3	418	85.1	60.2	20.2	15.5	118	63.0	30.0	71.3	1972
1973	20.6	24.0	59.7	175	256	66.6	71.6	80.0	58.6	80.9	41.7	20.1	80.0	1973
1974	13.1	9.68	7.95	8.53	385	205	127	83.5	78.6	184	108	16.2	103	1974
1975	8.01	6.45	5.91	20.0	200	57.6	91.5	56.2	23.2	23.6	74.8	27.4	49.9	1975
1976	14.7	9.92	8.21	49.0	150	135	110	48.0	79.7	60.4	29.3	10.0	58.8	1976
1977	6.25	4.69	7.47	280	273	60.1	84.7	64.1	151	81.3	96.3	25.4	94.7	1977
1978	9.64	5.96	4.06	5.29	426	287	199	41.3	65.4	183	58.3	22.9	110	1978
1979	13.3	8.73	6.32	166	506	147	64.1	62.5	127	197	97.6	30.8	120	1979
1980	15.9	10.5	8.55	113	305	143	37.5	25.7	37.6	155	48.4	7.67	76.0	1980
1981	3.61	4.14	10.6	136	352	157	52.6	18.4	54.5	98.4	57.4	21.1	80.8	1981
1982	11.2	7.73	6.22	21.6	371	76.8	212	62.8	114	152	134	44.3	102	1982
1983	10.8	12.2	13.0	22.2	451	145	35.5	28.9	158	116	59.3	26.8	91.2	1983
1984	9.89	8.17	8.25	122	214	216	187	36.2	41.6	61.5	83.7	44.9	86.2	1984
1985	20.1	8.89	6.28	126	317	129	116	71.4	50.7	129	102	25.4	92.4	1985
1986	12.2	8.01	6.41	245	272	80.7	69.3	80.4	68.9	142	54.1	17.2	88.4	1986
1987	9.30	6.22	6.28	136	118	108	110	113	76.7	170	95.9	46.2	83.3	1987
1988	16.2	12.9	8.73	217	435	104	83.6	117	112	129	190	69.2	125	1988
1989	25.4	13.1	9.61	10.2	346	121	40.4	45.4	43.2	149	156	46.6	85.6	1989
1990	13.7	8.59	19.0	163	478	161	53.5	111	169	166	128	36.3	126	1990
MEAN	14.8	10.2	11.1	108	320	125	103	79.8	95.0	131	82.3	31.4	93.0	MEAN

LOCATION - LAT 51 05 00 N DRAINAGE AREA, 6 680 km²
LONG 080 46 00 W NATURAL FLOW

NORTH FRENCH RIVER NEAR THE MOUTH - STATION NO. 04MF001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1966	---	---	---	---	1966
1967	---	946 ON MAY 09	7.93B ON MAR 30	2 710 000	1967
1968	---	731 ON APR 20	8.78B ON MAR 11	4 360 000	1968
1969	569 AT 01:00 EST ON MAY 09	527 ON MAY 04	15.7 B ON MAR 27	3 090 000	1969
1970	---	292 ON SEP 07	8.78B ON MAR 23	1 970 000	1970
1971	---	549 ON OCT 02	8.30B ON MAR 29	3 900 000	1971
1972	748 AT 02:25 EST ON MAY 15	733 ON MAY 15	7.87B ON MAR 04	2 260 000	1972
1973	589 AT 10:30 EST ON APR 23	583 ON APR 23	15.6 B ON DEC 31	2 520 000	1973
1974	779 AT 01:00 EST ON MAY 18	748 ON MAY 17	7.42B ON APR 14	3 250 000	1974
1975	---	544E ON MAY 03	5.72B ON MAR 31	1 570 000	1975
1976	---	179 ON SEP 17	7.50B ON DEC 31	1 860 000	1976
1977	883 AT 03:00 EST ON APR 26	855 ON APR 26	4.11B ON MAR 07	2 990 000	1977
1978	963 AT 17:30 EST ON MAY 12	960 ON MAY 14	3.34B ON APR 07	3 470 000	1978
1979	971 AT 17:00 EST ON APR 26	928 ON MAY 10	5.69B ON MAR 18	3 770 000	1979
1980	910 AT 11:00 EST ON APR 27	835 ON APR 30	4.70B ON DEC 31	2 400 000	1980
1981	641 AT 02:27 EST ON MAY 07	625 ON MAY 06	2.78B ON FEB 15 *	2 550 000	1981
1982	902 AT 12:15 EST ON MAY 05	891 ON MAY 05	5.90B ON MAR 18	3 220 000	1982
1983	---	1 000E ON MAY 07	10.7 B ON MAR 06	2 880 000	1983
1984	521 AT 05:15 EST ON JUN 30	509 ON JUN 30	5.80B ON MAR 18	2 730 000	1984
1985	---	600B ON APR 26	5.80B ON MAR 22	2 910 000	1985
1986	800 AT 11:15 EST ON APR 30	796 ON APR 30	5.95B ON MAR 20	2 790 000	1986
1987	413 AT 22:00 EST ON APR 18	383 ON APR 19	5.10B ON MAR 19	2 630 000	1987
1988	723 AT 12:16 EST ON MAY 04	713 ON MAY 04	8.20B ON MAR 20	3 950 000	1988
1989	572 AT 15:00 EST ON MAY 15	565 ON MAY 15	9.20B ON MAR 23	2 700 000	1989
1990	1 160 AT 10:00 EST ON MAY 01 *	1 140 ON MAY 01 *	7.20B ON MAR 12	3 980 000	1990
	B - ICE CONDITIONS E - ESTIMATED	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		2 940 000	MEAN

NORTH MAGNETAWAN RIVER ABOVE PICKEREL LAKE - STATION NO. 02EA010

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1968	---	1.96	2.57	8.08	2.34	2.06	1.18	0.782	1.16	1.08	1.30	1.09	---	1968
1969	0.644	0.610	1.46	9.77	6.53	2.64	1.14	1.11	2.98	3.52	5.90	1.90	3.18	1969
1970	0.720	0.605	0.819	9.41	3.98	2.07	3.98	0.685	1.68	2.78	2.39	1.80	2.58	1970
1971	1.14	0.687	1.00	10.4	4.13	1.21	0.570	0.708	0.671	0.764	1.60	2.84	2.14	1971
1972	1.07	1.02	1.26	9.96	9.31	3.84	1.90	2.32	1.25	2.84	2.83	1.13	3.23	1972
1973	1.19	0.985	2.55	8.01	3.82	2.82	1.41	1.18	1.03	1.71	2.76	3.01	2.79	1973
1974	2.32	2.40	2.79	12.9	5.94	2.02	1.27	0.664	0.903	2.38	4.82	1.66	3.33	1974
1975	1.76	1.38	1.88	8.85	5.55	0.977	0.944	0.530	2.52	2.68	2.79	5.51	2.95	1975
1976	1.11	0.978	9.37	9.01	4.63	1.56	1.41	0.550	0.989	1.16	1.63	1.43	2.83	1976
1977	0.737	0.517	6.11	9.04	1.56	0.702	0.610	0.719	2.34	3.78	4.19	2.55	2.74	1977
1978	1.03	0.655	0.624	6.96	5.87	1.26	0.514	0.978	1.43	3.12	2.05	1.66	2.18	1978
1979	1.04	0.865	6.81	10.7	3.83	1.30	0.879	0.712	0.915	2.92	4.63	2.71	3.12	1979
1980	2.79	0.950	2.12	11.9	2.63	3.87	3.08	1.82	3.14	4.09	3.70	1.54	3.46	1980
1981	1.02	5.57	3.14	9.70	3.96	2.71	2.67	1.66	5.70	5.55	2.26	1.94	3.79	1981
1982	1.27	0.844	1.34	12.0	2.29	1.10	0.503	0.410	2.08	3.02	4.34	7.16	3.03	1982
1983	2.63	1.27	3.95	4.42	7.09	1.84	0.497	0.370	0.909	1.73	3.36	1.64	2.48	1983
1984	1.04	4.45	2.17	9.37	4.82	2.18	2.38	0.892	1.14	1.85	3.93	3.15	3.10	1984
1985	2.20	1.47	2.36	13.4	3.12	1.53	2.03	2.99	1.86	2.60	3.45	2.26	3.27	1985
1986	1.25	0.976	4.65	9.35	3.38	2.01	0.938	0.591	0.477	1.84	1.25	1.12	2.32	1986
1987	0.779	0.505	3.71	5.95	1.33	1.07	0.362	0.470	0.320	1.17	1.99	2.69	1.70	1987
1988	1.00	1.83	1.72	11.8	4.83	0.533	0.319	1.06	0.719	3.87	4.65	1.76	2.66	1988
1989	1.11	0.883	3.28	8.67	5.09	3.11	0.629	0.281	0.261	0.439	2.70	0.876	2.27	1989
1990	1.44	1.30	6.75	8.10	4.36	1.34	0.709	0.329	0.811	4.01	5.77	2.97	3.16	1990
MEAN	1.33	1.43	3.28	9.47	4.28	1.90	1.30	0.948	1.53	2.56	3.23	2.37	2.83	MEAN

LOCATION - LAT 45 42 12 N LONG 079 18 33 W DRAINAGE AREA, 149 km² NATURAL FLOW

NORTH MAGNETAWAN RIVER ABOVE PICKEREL LAKE - STATION NO. 02EA010

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1968	---	26.2 ON APR 05	0.147 ON AUG 15 *	---	1968
1969	---	24.7 ON APR 11	0.303 ON SEP 04	100 000	1969
1970	31.4 AT 11:30 EST ON JUL 22	30.3 ON JUL 22	0.303 ON AUG 15	81 300	1970
1971	24.0 AT 15:45 EST ON APR 20	23.5 ON APR 20	0.128 ON SEP 19	67 600	1971
1972	37.7 AT 03:17 EST ON MAY 04	35.1 ON MAY 04	0.626 ON SEP 24	102 000	1972
1973	24.3 AT 08:56 EST ON APR 03	23.9 ON APR 03	0.507 ON JUL 24	88 000	1973
1974	39.9 AT 23:01 EST ON APR 15	35.4 ON APR 15	0.337 ON SEP 08	105 000	1974
1975	24.1 AT 18:10 EST ON APR 25	23.8 ON APR 25	0.269 ON AUG 21	93 100	1975
1976	38.2 AT 22:23 EST ON MAR 28	36.0 ON MAR 29	0.348 ON AUG 25	89 400	1976
1977	27.6 AT 20:49 EST ON MAR 31	25.1 ON MAR 31	0.255 ON JUL 29	86 500	1977
1978	23.0 AT 20:10 EST ON APR 28	22.5 ON APR 28	0.343 ON AUG 15	68 800	1978
1979	30.5 AT 06:37 EST ON MAR 26	29.5 ON MAR 26	0.314 ON JUL 24	98 300	1979
1980	49.0 AT 05:44 EST ON APR 10	46.3 ON APR 10	0.648B ON MAR 14	110 000	1980
1981	31.8 AT 15:12 EST ON APR 05	30.3 ON APR 05	0.736 ON AUG 23	120 000	1981
1982	52.1 AT 15:21 EST ON APR 18 *	47.4 ON APR 18	0.270 ON AUG 18	95 600	1982
1983	24.5 AT 05:21 EST ON MAY 09	23.3 ON MAY 09	0.215 ON AUG 16	78 300	1983
1984	17.0 AT 06:19 EST ON MAY 27	16.0 ON MAY 27	0.507 ON SEP 09	97 900	1984
1985	48.9 AT 06:49 EST ON APR 23	47.5 ON APR 23 *	0.645 ON AUG 17	101 000	1985
1986	40.8 AT 18:38 EST ON MAR 31	34.2 ON MAR 31	0.215E ON SEP 26	71 200	1986
1987	24.0 AT 14:16 EST ON MAR 31	23.3 ON MAR 31	0.158 ON SEP 19	53 800	1987
1988	37.8 AT 02:26 EST ON APR 05	36.0 ON APR 05	0.202 ON AUG 02	84 300	1988
1989	25.3 AT 05:24 EST ON MAR 31	23.7 ON MAR 31	0.200 ON OCT 04	71 700	1989
1990	27.9 AT 16:41 EST ON NOV 29	26.4 ON NOV 29	0.190 ON SEP 13	99 700	1990
				89 400	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

NORTH MAGNETAWAN RIVER NEAR BURK'S FALLS - STATION NO. 02EA005

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1915	---	---	---	---	---	---	---	2.41	0.901	4.51	4.43	5.36	---	1915
1916	5.38	8.01	4.18	24.3	14.6	9.79	2.72	0.852	1.98	6.37	7.99	11.3	8.10	1916
1917	2.84	2.55	2.89	21.2	10.4	5.95	10.2	2.29	1.19	3.72	4.15	2.12	5.79	1917
1918	1.24	1.00	3.85	16.9	9.27	3.84	1.87	1.16	2.19	8.24	7.80	7.40	5.40	1918
1919	4.51	2.63	8.31	18.2	13.9	6.00	1.17	1.14	1.84	3.56	8.86	7.24	6.45	1919
1920	2.27	1.68	9.64	15.9	9.44	2.41	3.21	1.44	1.83	2.23	5.83	5.90	5.15	1920
1921	4.86	2.73	19.3	16.8	6.48	2.60	1.16	1.63	0.817	1.83	5.03	8.51	6.00	1921
1922	3.63	3.02	5.23	29.4	6.65	2.11	2.80	1.47	0.767	0.982	2.43	2.01	5.00	1922
1923	1.50	1.33	1.86	20.6	19.7	5.47	1.33	0.958	1.78	0.953	1.76	5.21	5.21	1923
1924	2.40	2.24	3.32	17.7	18.9	5.30	1.28	1.03	0.896	1.31	1.44	3.31	4.92	1924
1925	1.51	2.56	4.31	23.5	7.07	6.21	2.68	0.957	0.692	1.27	5.38	4.77	5.05	1925
1926	2.34	1.95	1.55	6.66	25.2	6.65	5.20	1.72	1.21	1.68	15.2	6.09	6.32	1926
1927	2.38	2.21	9.30	12.1	8.93	6.34	4.21	1.87	0.944	3.79	7.85	7.13	5.60	1927
1928	4.32	4.92	3.56	32.6	17.9	8.21	6.19	6.80	6.77	19.3	10.2	6.19	10.4	1928
1929	5.18	3.69	7.66	30.9	15.7	4.53	2.15	1.06	0.926	1.07	2.01	1.59	6.36	1929
1930	2.46	3.20	4.67	16.8	9.87	5.40	2.40	1.06	1.15	1.27	1.82	1.42	4.28	1930
1931	0.991	0.850	1.04	14.0	6.67	1.87	1.29	0.586	0.784	1.51	4.33	4.53	3.20	1931
1932	9.49	5.75	3.09	17.2	6.78	2.99	2.08	1.10	3.27	11.7	12.4	7.59	6.94	1932
1933	6.74	3.57	2.31	25.2	7.01	2.96	1.22	0.828	0.683	1.67	2.38	3.00	4.77	1933
1934	2.72	2.38	2.25	19.0	15.3	3.68	1.77	0.838	1.06	1.76	6.04	5.42	5.18	1934
1935	2.29	2.01	5.51	14.6	7.07	6.15	7.14	2.33	0.899	2.05	4.83	3.23	4.85	1935
1936	1.47	0.963	3.52	13.9	16.4	4.27	1.02	0.624	1.83	2.94	7.71	5.25	5.24	1936
1937	13.8	5.29	3.63	18.8	10.7	3.19	1.15	0.913	1.16	2.54	7.98	3.48	6.04	1937
1938	2.21	3.68	11.4	21.9	8.24	3.08	1.46	0.971	1.83	5.09	3.14	3.05	5.24	1938
1939	3.03	2.38	2.58	19.2	15.1	3.27	1.45	1.49	1.11	3.14	4.95	2.21	4.99	1939
1940	1.27	0.906	0.793	9.33	15.5	5.37	2.15	3.18	4.80	4.79	8.08	4.87	5.09	1940
1941	3.54	1.95	1.53	24.4	5.09	1.77	1.06	0.992	0.872	4.33	11.9	5.13	5.19	1941
1942	3.40	1.73	5.62	24.4	11.5	3.60	0.893	0.459	1.45	3.35	9.40	3.65	5.78	1942
1943	2.38	1.76	2.07	18.3	21.6	7.88	2.97	1.61	2.93	1.86	4.51	2.41	5.86	1943
1944	1.61	1.47	1.53	14.1	10.9	2.21	1.49	0.852	1.33	5.58	3.91	2.75	3.98	1944
1945	1.64	1.33	14.6	11.2	8.49	6.64	1.55	0.562	0.804	4.32	6.16	2.49	5.00	1945
1946	6.31	3.23	16.6	9.68	5.87	2.97	1.01	0.621	0.601	0.875	3.48	6.31	4.81	1946
1947	3.48	2.72	2.56	28.8	19.7	5.31	5.41	2.28	2.69	2.52	4.73	2.87	7.23	1947
1948	2.32	1.56	8.61	22.7	10.9	3.05	1.12	0.825	0.563	2.14	8.67	5.03	5.62	1948
1949	5.07	4.42	7.10	25.4	8.20	4.18	2.01	0.923	0.685	1.26	2.08	6.68	5.65	1949
1950	10.8	4.25	3.97	14.3	7.65	3.83	1.34	2.53	2.78	1.53	6.48	5.94	5.45	1950
1951	4.42	3.10	5.40	36.0	9.19	2.27	2.05	1.16	0.994	5.31	11.3	6.54	7.29	1951
1952	5.01	3.85	2.76	24.4	7.41	2.95	1.63	2.39	4.19	1.70	3.56	6.44	5.50	1952
1953	3.45	3.94	14.1	12.3	6.45	2.83	1.20	0.583	1.47	2.37	3.05	5.79	4.80	1953
1954	3.14	3.18	8.44	20.8	8.77	9.40	2.23	1.47	2.21	14.2	7.94	4.97	7.23	1954
1955	3.20	2.67	3.67	23.3	4.79	2.21	0.953	0.682	0.554	2.09	6.60	2.79	4.43	1955
1956	1.51	1.12	1.38	13.0	12.9	4.70	2.97	2.41	8.71	4.99	5.23	4.38	5.27	1956
1957	3.37	4.19	15.3	7.92	5.45	11.5	0.898	4.80	7.62	11.0	10.2	7.16	1957
1958	4.82	2.61	2.28	12.5	4.14	3.44	7.11	1.32	1.71	4.14	4.14	2.78	4.25	1958
1959	2.54	2.20	2.52	23.2	10.9	2.81	1.47	1.08	2.37	6.20	12.1	6.70	6.22	1959
1960	3.07	2.93	2.56	27.6	13.7	3.61	3.89	1.88	1.04	1.50	5.11	3.43	5.84	1960
1961	2.27	1.44	2.31	14.0	7.84	3.47	1.63	1.99	1.37	1.48	3.24	5.83	4.07	1961
1962	2.74	1.81	2.01	17.3	9.04	2.24	1.09	0.580	0.427	0.846	2.47	1.36	3.42	1962
1963	1.38	1.15	2.13	17.6	8.05	4.00	1.32	1.42	1.50	1.17	2.40	2.92	3.73	1963
1964	2.10	2.09	3.45	12.2	6.42	2.09	0.706	0.591	2.73	2.20	2.30	5.33	3.51	1964
1965	3.66	1.81	2.40	8.84	19.9	2.12	1.90	2.72	3.68	8.09	8.42	7.91	5.99	1965
1966	6.12	3.59	4.77	14.6	7.41	6.02	1.40	0.699	0.623	1.97	7.17	11.1	5.45	1966
1967	3.38	3.15	1.95	22.4	5.86	6.92	2.48	1.06	0.978	5.40	12.1	6.27	5.97	1967
1968	3.28	4.38	3.53	17.4	4.69	3.40	2.87	1.68	2.53	1.51	2.24	3.79	4.25	1968
1969	2.62	2.56	2.49	18.8	14.5	5.35	3.18	2.76	4.34	5.74	11.5	5.01	6.57	1969
1970	2.52	2.13	1.99	17.9	11.4	5.00	8.82	2.75	2.89	5.97	5.28	5.24	6.01	1970
1971	2.55	1.64	2.67	21.8	11.0	3.63	1.60	1.69	1.61	1.95	3.41	6.19	4.97	1971
1972	2.67	1.65	1.43	15.7	10.2	5.86	4.33	4.55	2.74	4.40	6.08	3.15	5.92	1972
1973	3.29	2.79	14.2	16.0	8.11	4.94	3.66	3.29	1.63	3.18	4.50	5.88	5.97	1973
1974	3.59	3.93	4.21	21.7	12.3	4.80	2.34	1.36	1.48	5.05	9.06	4.40	6.17	1974
1975	3.58	2.71	3.70	15.2	13.5	2.51	1.30	1.08	3.82	5.38	5.46	9.59	5.67	1975
1976	2.64	2.34	12.8	20.9	8.84	3.05	2.68	0.796	0.894	1.53	5.11	3.28	5.17	1976
1977	1.54	0.993	8.39	19.8	4.25	1.11	1.41	0.860	3.12	8.83	9.68	6.60	5.55	1977
1978	2.94	1.74	1.23	11.6	14.4	3.20	1.06	1.44	2.53	5.81	4.24	3.76	4.51	1978
1979	2.75	2.08	11.2	20.7	9.80	3.49	1.36	1.85	1.82	5.15	9.06	7.00	6.37	1979
1980	5.47	2.28	3.76	25.1	6.61	7.07	6.45	4.85	6.70	7.96	8.82	5.03	7.49	1980
1981	4.34	8.09	8.15	20.8	8.53	5.41	4.65	3.42	12.4	11.6	4.60	4.17	7.81	1981
1982	4.82	2.07	2.63	23.1	7.05	2.51	1.28	0.505	3.44	5.94	8.74	13.1	6.09	1982
1983	2.95	2.73	7.94	10.5	15.8	5.66	1.15	0.760	1.19	3.07	5.84	4.91	5.65	1983
1984	2.26	8.18	5.07	19.1	10.3	6.73	5.06	2.14	1.86	2.82	8.28	6.59	6.50	1984
1985	5.91	2.66	5.39	27.0	8.92	3.22	3.74	6.14	6.41	5.28	8.28	6.15	7.42	1985
1986	3.19	2.37	7.27	23.4	8.33	5.36	2.08	1.46	0.704	3.22	2.79	2.58	5.22	1986
1987	1.89	1.55	5.04	15.9	3.03	2.58	0.882	0.563	0.508	1.93	4.14	6.47	3.70	1987
1988	3.17	5.78	3.48	25.2	7.75	4.77	0.366	1.58	1.67	6.42	9.97	4.85	5.96	1988
1989	2.89	2.43	4.09	18.8	12.8	7.93	2.13	0.628	0.405	0.512	5.20	3.01	5.06	1989
1990	3.31	3.81	13.0	16.0	11.2	3.46	1.83	0.845	0.948	7.54	9.62	9.14	6.75	1990
MEAN	3.50	2.78	5.20	19.0	10.6	4.35	2.67	1.62	2.14	4.07	6.20	5.23	5.61	MEAN

LOCATION - LAT 45 40 10 N LONG 079 22 43 W

DRAINAGE AREA, 321 km²
NATURAL FLOW

NORTH MAGNETAWAN RIVER NEAR BURK'S FALLS - STATION NO. 02EA005

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1915	---	---	---	---	1915
1916	---	31.1 ON APR 19	0.651 ON SEP 17	256 000	1916
1917	---	42.2 ON APR 24	0.142 ON AUG 24 *	183 000	1917
1918	---	30.6 ON APR 04	0.765 ON FEB 02	170 000	1918
1919	---	25.8 ON MAY 25	0.736 ON AUG 13	203 000	1919
1920	---	40.8 ON MAR 27	0.821 ON AUG 20	163 000	1920
1921	---	50.7 ON MAR 28	0.425 ON OCT 01	189 000	1921
1922	---	78.2 ON APR 13	0.425 ON OCT 07	158 000	1922
1923	---	64.0 ON APR 26	0.340 ON AUG 17	164 000	1923
1924	---	43.6 ON MAY 20	0.538 ON JUL 21	156 000	1924
1925	---	36.2 ON APR 07	0.510 ON SEP 02	159 000	1925
1926	---	50.1 ON MAY 05	0.934 ON SEP 14	199 000	1926
1927	---	24.6 ON MAR 21	0.793 ON SEP 13	177 000	1927
1928	---	93.4 ON APR 09 *	2.32 B ON MAR 01	329 000	1928
1929	---	65.4 ON APR 10	0.765 ON SEP 03	201 000	1929
1930	---	35.1 ON APR 20	0.906 ON AUG 16	135 000	1930
1931	---	22.1 ON APR 16	0.311 ON AUG 26	101 000	1931
1932	---	34.3 ON APR 13	0.878 ON AUG 16	219 000	1932
1933	---	50.1 ON APR 16	0.538 ON SEP 03	150 000	1933
1934	---	42.8 ON MAY 03	0.538 ON SEP 02	163 000	1934
1935	---	21.9 ON APR 16	0.793 ON SEP 12	153 000	1935
1936	---	44.2 ON MAY 02	0.311 ON AUG 11	166 000	1936
1937	---	40.5 ON JAN 02	0.623 ON SEP 06	191 000	1937
1938	---	54.1 ON APR 02	0.708 ON AUG 16	165 000	1938
1939	---	57.5 ON APR 28	0.906 ON SEP 19	157 000	1939
1940	---	28.9 ON MAY 03	0.793B ON MAR 01	161 000	1940
1941	---	57.5 ON APR 16	0.765 ON AUG 21	164 000	1941
1942	---	41.6 ON APR 07	0.368 ON SEP 06	182 000	1942
1943	---	59.5 ON APR 28	1.16 ON OCT 14	185 000	1943
1944	---	37.4 ON APR 27	0.453 ON AUG 27	126 000	1944
1945	---	35.7 ON MAR 22	0.425 ON AUG 29	158 000	1945
1946	---	30.9 ON MAR 22	0.481 ON OCT 10	152 000	1946
1947	---	64.8 ON APR 14	1.02 ON SEP 10	228 000	1947
1948	---	45.9 ON APR 10	0.425 ON SEP 29	178 000	1948
1949	---	33.1 ON APR 16	0.566 ON AUG 30	178 000	1949
1950	---	22.3 ON APR 21	1.08 ON JUL 22	172 000	1950
1951	---	55.5 ON APR 14	0.850 ON SEP 10	230 000	1951
1952	---	47.3 ON APR 21	1.16 ON JUL 31	174 000	1952
1953	---	42.5 ON MAR 28	0.453 ON SEP 04	151 000	1953
1954	---	43.9 ON APR 18	1.10 ON AUG 29	228 000	1954
1955	---	47.0 ON APR 16	0.453 ON SEP 08	140 000	1955
1956	---	24.2 ON APR 16	1.02 B ON FEB 22	167 000	1956
1957	---	56.6 ON JUL 01	0.623 ON AUG 24	226 000	1957
1958	---	21.8 ON APR 21	0.850 ON AUG 29	134 000	1958
1959	---	64.8 ON APR 22	0.963 ON JUL 17	196 000	1959
1960	---	52.4 ON APR 18	0.801 ON SEP 17	185 000	1960
1961	---	25.9 ON APR 29	0.994E ON SEP 11	128 000	1961
1962	---	32.3 ON APR 29	0.345 ON SEP 07	108 000	1962
1963	---	38.5 ON APR 05	0.816 ON JUL 14	116 000	1963
1964	---	35.4 ON APR 16	0.300 ON JUL 25	111 000	1964
1965	---	41.9 ON MAY 03	1.32 ON AUG 01	189 000	1965
1966	---	40.8 ON APR 23	0.436 ON SEP 26	172 000	1966
1967	34.8 AT 22:00 EST ON APR 18	34.5 ON APR 18	0.227 ON SEP 26	188 000	1967
1968	47.3 AT 19:00 EST ON APR 06	46.2 ON APR 06	0.452 ON AUG 15	134 000	1968
1969	41.3 AT 06:00 EST ON APR 18	40.8 ON APR 18	1.48 ON MAR 16	207 000	1969
1970	44.5 AT 21:00 EST ON APR 25	44.2 ON APR 25	1.68 ON AUG 29	189 000	1970
1971	48.1 AT 01:29 EST ON APR 22	47.6 ON APR 21	1.02 ON SEP 19	157 000	1971
1972	49.0 AT 22:58 EST ON MAY 04	47.6 ON MAY 04	1.22 B ON MAR 09	187 000	1972
1973	37.1 AT 03:50 EST ON APR 04	36.0 ON APR 04	1.15 ON SEP 18	188 000	1973
1974	46.7 AT 04:54 EST ON APR 17	46.4 ON APR 17	0.685 ON SEP 08	194 000	1974
1975	44.5 AT 21:30 EST ON APR 26	44.2 ON APR 27	0.470 ON AUG 24	179 000	1975
1976	60.0 AT 07:10 EST ON APR 02	59.5 ON APR 02	0.575 ON AUG 31	164 000	1976
1977	35.4 AT 01:09 EST ON APR 02	35.4 ON APR 02	0.481 ON AUG 18	175 000	1977
1978	38.5 AT 08:11 EST ON APR 30	37.9 ON APR 29	0.671 ON AUG 15	142 000	1978
1979	38.5 AT 06:02 EST ON MAR 27	38.2 ON MAR 27	0.599 ON JUL 24	201 000	1979
1980	71.1 AT 10:40 EST ON APR 11	70.3 ON APR 11	1.55 ON MAR 10	237 000	1980
1981	50.9 AT 09:07 EST ON APR 06	50.2 ON APR 06	1.81 B ON FEB 08	246 000	1981
1982	65.9 AT 14:15 EST ON APR 19	64.5 ON APR 19	0.344 ON AUG 18	192 000	1982
1983	34.3 AT 20:47 EST ON MAY 09	33.0 ON MAY 09	0.601 ON SEP 15	178 000	1983
1984	28.9 AT 14:15 EST ON APR 18	28.8 ON APR 18	1.37 ON SEP 09	206 000	1984
1985	62.5 AT 14:56 EST ON APR 24 *	62.0 ON APR 24	1.92 ON JUN 17	234 000	1985
1986	61.1 AT 03:08 EST ON APR 03	59.8 ON APR 03	0.327 ON SEP 28	165 000	1986
1987	33.9 AT 07:20 EST ON APR 01	33.5 ON APR 01	0.258 ON AUG 13	117 000	1987
1988	---	27.7 ON APR 07	0.250 ON JUL 15	180 000	1988
1989	27.1 AT 21:19 EST ON APR 01	26.4 ON APR 01	0.238 ON OCT 05	159 000	1989
1990	40.7 AT 03:44 EST ON MAR 19	40.0 ON MAR 19	0.279 ON SEP 13	213 000	1990
				177 000	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

NORTH RIVER AT THE FALLS - STATION NO. 02ED024

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1988	---	---	---	---	---	---	---	---	0.837	1.27	3.50	2.40	---	1988
1989	3.28	2.02	6.50	4.94	3.98	1.62	0.482	0.560	1.12	2.21	5.00	1.58	2.78	1989
1990	2.90	3.50	9.42	5.98	3.27	1.25	0.751	0.558	0.571	1.40	3.99	4.48	3.17	1990
MEAN	3.09	2.76	7.96	5.46	3.63	1.44	0.617	0.559	0.843	1.63	4.16	2.82	2.98	MEAN

LOCATION - LAT 44 46 05 N LONG 079 34 39 W
DRAINAGE AREA, 249 km^2
NATURAL FLOW

REMARKS - STATION ACTIVATED AUGUST, 1988

NORTH RIVER AT THE FALLS - STATION NO. 02ED024

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1988	---	---	---	---	1988
1989	51.7B AT 19:29 EST ON MAR 30 *	42.0B ON MAR 30 *	0.363 ON AUG 01 *	87 600	1989
1990	43.8 AT 18:50 EST ON MAR 15	39.1B ON MAR 15	0.468 ON SEP 03	100 000	1990
	B - ICE CONDITIONS	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		93 800	MEAN

NORTH SAUGEEN RIVER ABOVE CHESLEY - STATION NO. 02FC018

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1987	3.09	2.58	5.67	6.60	2.95	2.22	1.67	1.44	---	---	---	---	---	1987
1988	2.54	4.00	5.05	---	---	---	---	---	---	---	---	---	---	1988
1989	3.91	2.59	5.79	7.45	4.37	4.13	1.87	1.29	1.29	1.46	2.16	1.85	3.18	1989
1990	3.64	3.65	8.31	5.95	3.95	2.22	1.72	1.25	1.19	2.48	4.97	5.07	3.70	1990
MEAN	3.30	3.21	6.21	6.67	3.76	2.86	1.75	1.33	1.24	1.97	3.57	3.46	3.44	MEAN

LOCATION - LAT 44 19 05 N LONG 081 02 26 W DRAINAGE AREA, 216 km^2 NATURAL FLOW

REMARKS - STATION ACTIVATED DEC 4 1986. REPLACES STATION 02FC013.

NORTH SAUGEEN RIVER ABOVE CHESLEY - STATION NO. 02FC018

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1987	11.4 AT 11:20 EST ON MAR 10	10.0 ON MAR 30	---	---	1987
1988	---	---	---	---	1988
1989	23.1 AT 21:47 EST ON MAR 28 *	22.1 ON MAR 30 *	1.11 ON OCT 04	100 000	1989
1990	21.1 AT 01:47 EST ON MAR 15	20.2 ON MAR 14	0.935E ON SEP 13 *	117 000	1990
	E - ESTIMATED	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		109 000	MEAN

NORTH SAUGEEN RIVER NEAR PAISLEY - STATION NO. 02FC013

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1972	2.81	2.25	4.54	12.6	6.18	3.82	1.64	2.52	1.72	2.47	3.12	6.05	4.31	1972
1973	8.41	4.60	9.47	7.16	4.93	3.49	1.98	2.11	1.34	1.72	3.85	3.75	4.40	1973
1974	5.57	3.75	7.50	9.41	6.37	3.78	2.34	2.57	1.99	2.89	4.32	3.63	4.51	1974
1975	5.08	6.11	7.38	12.6	7.11	3.59	2.31	1.93	2.78	1.92	2.17	4.05	4.74	1975
1976	2.53	5.83	14.9	7.76	4.59	2.23	3.08	2.49	4.39	4.67	4.48	2.33	4.62	1976
1977	1.84	2.24	13.2	8.74	3.34	2.14	1.87	2.65	2.98	2.29	6.14	5.63	4.74	1977
1978	2.90	2.40	4.00	9.85	5.25	3.07	1.87	1.85	1.83	4.52	4.60	2.95	3.50	1978
1979	3.64	2.29	13.0	13.2	7.16	3.36	2.11	2.59	1.93	3.20	3.87	6.84	5.29	1979
1980	3.48	1.78	9.51	10.2	5.11	4.35	4.89	3.26	3.42	4.29	4.03	5.13	4.97	1980
1981	2.42	9.96	7.01	6.67	5.07	3.40	2.37	2.19	4.39	3.89	3.75	3.75	4.50	1981
1982	8.95	4.69	6.65	12.7	5.48	5.33	2.65	2.98	2.24	2.19	4.34	7.09	4.69	1982
1983	5.35	3.98	9.14	9.45	5.92	3.64	1.80	1.56	2.34	2.54	3.00	3.40	3.81	1983
1984	2.48	9.47	7.88	7.04	4.90	3.25	2.22	1.56	2.41	1.78	4.05	4.81	4.29	1984
1985	4.41	6.90	12.9	13.2	6.00	3.61	1.97	1.63	3.05	2.95	4.68	3.70	5.40	1985
1986	3.33	2.93	9.23	8.50	4.91	3.09	2.16	1.75	---	---	---	---	---	1986
MEAN	3.78	4.55	8.82	9.67	5.49	3.48	2.48	2.24	2.62	2.88	3.89	4.51	4.56	MEAN

LOCATION - LAT 44 19 04 N LONG 081 14 46 W DRAINAGE AREA, 262 km^2 REGULATED

REMARKS - STATION DISCONTINUED SEP 16 1986, REPLACED BY 02FC018.

NORTH SAUGEEN RIVER NEAR PAISLEY - STATION NO. 02FC013

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1972	39.4 AT 11:44 EST ON DEC 31	30.6 ON DEC 31	1.06 ON SEP 23	136 000	1972
1973	29.4 AT 00:00 EST ON JAN 01	19.2 ON JAN 01	0.855 ON SEP 15 *	139 000	1973
1974	39.1 AT 00:03 EST ON APR 04	33.1 ON JAN 27	1.06 ON AUG 17	142 000	1974
1975	43.0 AT 00:12 EST ON APR 19	36.2 ON APR 19	1.07 ON AUG 09	149 000	1975
1976	---	25.5B ON MAR 21	1.41 E ON AUG 26	146 000	1976
1977	---	51.0B ON MAR 13 *	0.886 ON JUL 30	149 000	1977
1978	24.6 AT 10:00 EST ON APR 07	17.6 ON APR 07	0.994 ON SEP 02	110 000	1978
1979	31.6 AT 06:20 EST ON APR 14	26.4 ON MAR 24	1.20 ON OCT 06	167 000	1979
1980	---	30.0B ON MAR 21	1.58 B ON MAR 09	157 000	1980
1981	---	34.0B ON FEB 23	1.08 ON JUL 25	142 000	1981
1982	---	34.3B ON MAR 31	1.44 ON OCT 09	148 000	1982
1983	16.3 AT 23:34 EST ON FEB 02	12.3 ON FEB 03	0.968 ON SEP 11	121 000	1983
1984	31.5 AT 23:46 EST ON DEC 28	25.0B ON FEB 14	1.04 ON AUG 25	136 000	1984
1985	32.2 AT 15:03 EST ON MAR 28	27.5 ON MAR 28	1.08 ON AUG 17	170 000	1985
1986	51.5 AT 18:38 EST ON SEP 11 *	---	---	---	1986
	B - ICE CONDITIONS E - ESTIMATED	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		144 000	MEAN

NORTH THAMES RIVER AT LONDON - STATION NO. 02GD007

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1943	---	---	---	---	---	---	---	---	---	2.30	10.9	8.14	---	1943
1944	10.4	16.0	46.3	47.3	13.4	3.18	0.891	0.606	2.52	1.09	3.35	4.75	12.4	1944
1945	1.53	2.97	97.8	34.8	54.9	20.7	22.0	2.60	8.32	46.6	18.6	14.0	27.3	1945
1946	40.8	27.3	75.5	7.02	7.62	6.46	2.15	1.95	1.56	1.81	1.98	9.06	15.3	1946
1947	45.6	16.7	55.9	128	30.0	54.0	11.6	3.11	5.63	1.75	2.82	22.1	31.4	1947
1948	7.65	25.3	116	26.1	26.6	2.80	1.77	1.29	0.465	2.15	5.88	5.59	18.5	1948
1949	39.6	64.6	47.2	14.4	3.14	0.885	0.987	0.464	0.744	2.32	2.34	39.4	17.7	1949
1950	60.8	18.1	72.4	65.6	4.75	1.66	2.17	2.97	1.17	2.13	21.5	44.6	24.9	1950
1951	51.0	37.9	68.2	52.2	6.20	2.47	1.67	0.743	0.822	2.15	17.5	15.4	21.2	1951
1952	51.0	25.7	54.0	43.6	16.8	2.59	1.38	0.692	0.599	0.779	1.56	8.68	17.3	1952
1953	14.3	13.8	51.4	18.8	26.1	31.7	3.07	1.42	4.29	0.981	0.558	3.47	14.2	1953
1954	2.78	80.5	65.9	53.9	9.99	1.81	0.574	0.555	1.57	42.2	8.55	28.9	24.4	1954
1955	28.4	8.52	69.1	32.0	3.67	0.928	0.551	0.236	0.726	2.59	7.43	13.5	14.1	1955
1956	6.07	6.16	67.7	67.8	67.7	4.53	3.01	9.47	7.63	3.94	4.82	30.1	23.4	1956
1957	21.2	30.6	38.6	30.6	13.2	9.67	13.6	2.37	8.98	3.89	30.3	62.1	22.2	1957
1958	8.48	5.33	42.1	12.9	2.54	1.21	1.44	0.627	3.56	1.49	7.59	5.66	8.06	1958
1959	10.9	13.5	76.4	82.8	17.7	3.65	1.19	1.32	1.36	9.90	27.3	31.6	23.1	1959
1960	13.2	18.1	25.5	121	36.8	15.6	2.13	1.08	0.736	1.33	1.75	0.975	19.7	1960
1961	0.438	21.8	26.7	26.8	18.8	3.21	3.26	2.64	1.73	1.01	9.62	12.5	10.6	1961
1962	4.66	5.16	70.6	22.3	6.63	2.56	0.803	---	---	---	---	---	---	1962
MEAN	22.1	23.0	61.6	46.7	19.3	8.94	3.91	1.90	2.91	6.82	9.70	19.0	19.2	MEAN

LOCATION - LAT 43 00 26 N LONG 081 16 06 W

DRAINAGE AREA, 1 700 km² REGULATED

NORTH THAMES RIVER AT LONDON - STATION NO. 02GD007

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1943	---	---	---	---	1943
1944	---	177 ON APR 10	0.425 ON AUG 09	394 000	1944
1945	---	433 ON MAY 18	0.595 ON AUG 29	862 000	1945
1946	---	535 ON MAR 07	1.56 E ON SEP 01	482 000	1946
1947	---	765 ON APR 06 *	0.934 ON OCT 13	989 000	1947
1948	809 AT 08:30 EST ON MAR 20	643 ON MAR 20	0.425 ON SEP 02	584 000	1948
1949	---	362 ON MAR 23	0.340 ON AUG 26	560 000	1949
1950	821 AT 14:00 EST ON APR 04 *	595 ON APR 04	0.566 ON OCT 06	785 000	1950
1951	---	493 ON JAN 04	0.566 ON AUG 30	670 000	1951
1952	259 AT 21:00 EST ON MAR 11	210 ON MAR 11	0.311 ON AUG 29	547 000	1952
1953	227 AT 12:45 EST ON MAR 16	190 ON MAR 16	0.227 ON NOV 02	446 000	1953
1954	---	569 ON FEB 17	0.283 ON SEP 07	769 000	1954
1955	---	351 ON MAR 11	0.057 ON AUG 01 *	443 000	1955
1956	---	453 ON MAY 12	1.16 ON AUG 04	739 000	1956
1957	---	442 ON DEC 21	1.64 ON SEP 06	701 000	1957
1958	---	105 ON MAR 24	0.340 ON AUG 19	254 000	1958
1959	413 AT 17:00 EST ON APR 02	365 ON APR 02	0.595 ON AUG 09	730 000	1959
1960	---	498 ON MAR 31	0.371 ON SEP 18	623 000	1960
1961	---	160B ON FEB 25	0.396B ON JAN 27	335 000	1961
1962	---	243 ON MAR 30	---	---	1962
				606 000	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

NORTH THAMES RIVER AT ST. MARYS - STATION NO. 02GD005

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1938	---	---	37.5	9.86	4.62	---	---	---	---	---	---	---	---	1938
1939	---	---	39.9	42.5	1.94	---	---	---	---	---	---	---	---	1939
1940	---	---	---	79.1	---	---	---	---	---	---	---	---	---	1940
1941	---	---	---	28.9	1.32	---	---	---	---	---	---	---	---	1941
1942	---	---	---	13.1	---	---	---	---	---	---	---	---	---	1942
1943	---	---	---	23.6	---	---	---	---	---	---	---	---	---	1943
1944	---	---	---	30.2	---	---	---	---	---	---	---	---	---	1944
1945	---	---	70.1	28.1	---	---	---	---	---	---	---	---	---	1945
1946	---	---	47.5	1.06	0.750	---	---	---	---	---	---	---	---	1946
1947	---	---	38.8	91.6	---	---	---	---	---	---	---	---	---	1947
1948	---	---	---	16.1	15.8	---	---	---	---	---	---	---	---	1948
1949	---	---	33.6	7.93	---	---	---	---	---	---	---	---	---	1949
1951	---	---	48.1	37.4	4.70	1.82	0.827	0.841	0.835	1.26	15.9	10.8	---	1951
1952	35.7	17.6	38.5	30.3	7.99	1.30	0.934	0.609	0.555	0.527	1.09	6.72	11.8	1952
1953	11.0	11.1	45.6	12.1	24.0	29.1	2.29	1.30	0.600	0.677	1.32	2.79	11.9	1953
1954	4.94	56.0	51.1	33.8	6.58	1.23	0.681	0.668	0.754	31.2	7.39	17.7	17.6	1954
1955	17.2	5.10	54.5	25.0	2.46	0.859	0.453	0.311	0.436	1.03	5.26	8.42	10.2	1955
1956	3.68	3.41	43.1	50.1	47.7	4.89	2.14	0.31	4.66	1.99	2.44	19.3	15.9	1956
1957	14.3	21.3	26.9	23.0	10.2	1.59	8.38	1.04	3.39	3.03	26.6	44.1	15.8	1957
1958	5.84	3.12	31.1	9.42	1.83	0.974	1.42	0.838	3.15	1.22	6.12	3.56	5.75	1958
1959	7.07	8.50	51.7	62.7	15.0	2.06	0.934	1.13	0.826	5.00	20.3	21.5	16.4	1959
1960	8.00	12.6	17.7	74.9	23.7	9.26	1.48	0.677	0.457	0.712	1.18	0.945	12.5	1960
1961	0.526	13.9	16.9	18.1	11.8	2.32	1.52	0.917	1.32	1.09	7.95	12.9	7.55	1961
1962	2.56	2.74	53.0	14.2	2.99	1.21	0.609	0.609	0.519	1.13	3.82	7.33	7.63	1962
1963	4.54	1.54	62.5	11.6	6.93	1.35	0.682	0.502	0.564	0.558	0.829	0.654	7.62	1963
1964	7.43	5.44	28.1	17.6	3.50	0.776	0.843	5.01	1.55	1.31	1.48	14.7	7.34	1964
1965	12.7	30.8	24.1	45.2	5.25	0.882	0.533	0.545	1.11	3.16	13.8	37.7	14.5	1965
1966	8.89	16.1	27.0	14.7	7.30	8.36	1.58	3.17	3.63	2.12	14.2	41.2	12.3	1966
1967	25.3	9.06	38.2	43.4	6.53	16.0	8.05	8.33	5.98	23.1	34.5	33.5	21.0	1967
1968	7.77	38.7	34.4	10.3	3.58	2.17	2.18	2.85	7.40	12.9	18.1	17.8	13.1	1968
1969	21.9	18.2	40.3	42.0	16.8	3.56	2.11	2.46	2.57	2.48	8.40	5.83	13.8	1969
1970	2.75	5.14	15.1	41.1	12.1	2.53	2.74	1.81	2.85	5.04	16.5	17.1	10.4	1970
1971	7.24	9.34	38.2	48.6	5.10	2.78	1.73	2.35	1.96	1.92	1.95	7.74	10.7	1971
1972	9.05	3.63	26.0	50.4	7.13	1.87	2.29	4.83	2.52	5.38	11.3	22.7	12.1	1972
1973	31.1	11.6	54.1	12.1	13.2	4.68	2.35	2.12	2.40	2.74	14.8	13.2	13.8	1973
1974	28.2	11.4	37.2	25.9	34.6	3.53	2.49	2.24	2.22	1.96	4.23	2.41	13.1	1974
1975	18.0	14.8	32.1	50.9	4.53	4.46	7.10	2.68	5.61	2.13	6.42	17.8	13.8	1975
1976	8.51	48.8	70.0	20.7	14.0	2.32	3.84	5.08	3.71	4.50	9.75	4.51	16.2	1976
1977	2.51	1.98	80.0	14.6	3.87	1.96	2.45	2.67	12.2	16.4	17.0	4.21	15.1	1977
1978	5.84	3.55	17.1	85.6	8.51	3.02	2.64	2.00	9.20	10.3	7.53	24.5	13.4	1978
1979	12.2	3.36	61.9	45.8	7.82	3.29	2.13	2.44	2.22	5.55	27.7	10.2	11.7	1979
1980	10.6	2.18	37.0	29.6	10.7	5.59	3.47	3.07	2.84	5.20	4.83	32.3	17.3	1980
1981	1.43	51.2	17.2	12.3	10.6	3.31	2.18	3.11	16.5	29.4	12.8	10.8	10.5	1981
1982	3.94	2.20	50.4	61.2	4.41	5.62	3.13	4.28	11.1	6.31	33.4	6.94	13.6	1982
1983	11.4	16.8	10.0	16.0	29.2	11.7	11.1	12.3	9.00	8.02	16.0	46.2	19.4	1983
1984	4.61	64.8	29.2	13.4	6.68	8.94	3.48	2.13	7.48	4.25	13.5	25.7	14.8	1984
1985	8.88	33.2	80.4	36.6	3.85	4.10	3.82	5.86	9.53	11.5	34.0	24.3	15.0	1985
1986	16.4	6.01	61.1	12.4	7.52	6.96	3.82	6.54	49.7	35.4	14.4	14.4	20.4	1986
1987	8.55	4.76	41.0	21.7	3.25	2.49	3.06	2.00	1.75	3.22	11.2	14.1	19.4	1987
1988	8.39	12.1	40.3	14.6	6.83	1.86	1.46	1.32	1.83	10.3	13.6	27.2	11.1	1988
1989	15.0	7.29	25.1	21.7	4.24	7.65	1.80	1.41	2.11	3.10	24.8	13.2	11.4	1989
1990	26.3	24.3	28.7	12.6	7.10	3.38	7.86	5.06	6.70	33.5	34.1	34.9	18.7	1990
MEAN	11.2	15.8	40.3	30.7	9.74	4.64	2.84	2.81	5.10	7.52	12.9	17.0	13.4	MEAN

LOCATION - LAT 43 15 10 N DRAINAGE AREA, 1 080 km²
LONG 081 08 43 W REGULATED

NORTH THAMES RIVER AT ST. MARYS - STATION NO. 02GD005

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)			MAXIMUM DAILY DISCHARGE (m^3/s)			MINIMUM DAILY DISCHARGE (m^3/s)			TOTAL DISCHARGE (dam^3)	YEAR
1938	---			---			---			---	1938
1939	---			---			---			---	1939
1940	---			---			---			---	1940
1941	---			---			---			---	1941
1942	---			---			---			---	1942
1943	---			---			---			---	1943
1944	---			---			---			---	1944
1945	---			---			---			---	1945
1946	---			---			---			---	1946
1947	---			---			---			---	1947
1948	770	AT 24:00 EST ON MAR 19 *		453	E ON MAR 20		---			---	1948
1949	---			---			---			---	1949
1951	---			138	ON FEB 27		0.708	ON OCT 01		---	1951
1952	161	AT 21:00 EST ON MAR 11		126	ON MAR 21		0.340	ON AUG 29		374 000	1952
1953	430	AT 10:00 EST ON JUN 17		267	ON JUN 17		0.425	ON SEP 04		374 000	1953
1954	691	AT 19:00 EST ON FEB 16		430	ON FEB 16		0.595	ON JUL 17		555 000	1954
1955	---			340	ON MAR 11		0.311E	ON AUG 01		320 000	1955
1956	---			371	ON APR 04		0.850	ON JUL 30		502 000	1956
1957	442	AT 04:00 EST ON DEC 21		340	ON DEC 21		0.821	ON AUG 23		498 000	1957
1958	91.2B	AT 05:00 EST ON MAR 27		76.2B	ON MAR 24		0.566	ON AUG 19		101 000	1958
1959	391	AT 11:00 EST ON APR 02		340	ON APR 02		0.368	ON AUG 06		518 000	1959
1960	521	AT 22:30 EST ON APR 03		430	ON APR 03		0.368	ON SEP 06		397 000	1960
1961	109 B	AT 18:00 EST ON FEB 24		103	B ON FEB 24		0.340B	ON JAN 25		238 000	1961
1962	303 B	AT 23:30 EST ON MAR 29		255	B ON MAR 29		0.411	ON SEP 07		241 000	1962
1963	583	AT 22:00 EST ON MAR 27		481	ON MAR 27		0.419	ON AUG 06		240 000	1963
1964	171	AT 09:30 EST ON DEC 25		139	ON DEC 25		0.238	ON JUL 24		232 000	1964
1965	476 B	AT 23:00 EST ON FEB 10		257	ON FEB 11		0.051	ON SEP 13	*	458 000	1965
1966	549	AT 10:30 EST ON DEC 07		433	ON DEC 07		0.238	ON JUL 09		389 000	1966
1967	493	AT 08:30 EST ON APR 03		303	ON APR 03		0.612	ON JUN 06		664 000	1967
1968	493	AT 13:50 EST ON FEB 02		377	ON FEB 02		1.04	ON JUN 18		414 000	1968
1969	306	AT 08:00 EST ON APR 05		238	ON APR 05		1.50	ON JUL 13		436 000	1969
1970	252	AT 04:11 EST ON APR 09		207	ON APR 09		1.09	ON JUL 02		327 000	1970
1971	---			209	A ON APR 02		0.728	ON JUL 04		338 000	1971
1972	242	AT 07:57 EST ON APR 17		187	ON APR 13		0.770	ON JUN 19		302 000	1972
1973	294	AT 23:28 EST ON MAR 11		182	ON JAN 01		1.46	ON JUL 11		434 000	1973
1974	535	AT 09:14 EST ON MAY 17		382	ON MAY 17		1.18	ON OCT 30		413 000	1974
1975	612	AT 07:22 EST ON APR 19		450	ON APR 19		0.521	ON AUG 10		437 000	1975
1976	328	AT 21:25 EST ON MAR 05		254	ON MAR 21		1.59	ON JUN 14		513 000	1976
1977	702	AT 17:48 EST ON MAR 13		623	ON MAR 13	*	0.929	ON JUN 24		478 000	1977
1978	374	AT 13:49 EST ON APR 11		306	ON APR 11		1.11	ON JUL 11		433 000	1978
1979	450	AT 08:25 EST ON APR 14		360	ON APR 14		1.31	ON JUL 23		545 000	1979
1980	398	AT 15:19 EST ON MAR 21		297	ON MAR 21		1.60 B	ON MAR 05		333 000	1980
1981	299	AT 18:34 EST ON FEB 23		239	ON FEB 23		0.104	ON AUG 11		430 000	1981
1982	590	AT 23:44 EST ON MAR 31		412	ON MAR 31		1.50 B	ON MAR 11		612 000	1982
1983	171	AT 20:40 EST ON MAY 02		113	ON DEC 13		1.68	ON JUL 27		466 000	1983
1984	---			230	B ON FEB 14		0.481	ON AUG 28		475 000	1984
1985	317	AT 21:53 EST ON MAR 28		256	ON MAR 28		1.69	ON JUN 12		643 000	1985
1986	452	AT 17:09 EST ON SEP 11		311	ON SEP 12		2.41	ON AUG 05		611 000	1986
1987	150	AT 06:27 EST ON DEC 21		124	ON DEC 21		1.08	ON AUG 24		350 000	1987
1988	226	AT 03:47 EST ON MAR 26		180	ON MAR 26		0.991	ON AUG 30		361 000	1988
1989	146	AT 08:00 EST ON MAR 29		125	ON MAR 29		1.20	ON AUG 03		270 000	1989
1990	308	AT 06:17 EST ON DEC 30		262	ON DEC 30		1.70	ON JUL 07		590 000	1990
										422 000	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX)
B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

NORTH THAMES RIVER BELOW FANSHAWE DAM - STATION NO. 02GD003

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1915	---	---	---	---	---	2.26	4.02	21.3	7.51	8.81	19.4	24.5	---	1915
1916	105	15.3	30.6	50.6	26.1	26.1	3.58	0.652	0.558	0.910	1.71	3.85	22.2	1916
1917	9.47	2.15	59.8	27.7	12.6	13.4	31.2	1.31	1.00	2.86	4.10	4.59	14.3	1917
1918	2.10	4.21	62.7	14.8	4.93	1.52	0.628	0.941	1.90	0.784	1.81	27.9	10.2	1918
1919	17.2	10.2	47.5	30.3	30.6	3.19	0.742	0.789	0.730	2.29	9.38	7.39	13.4	1919
1920	1.68	1.72	36.1	19.0	4.22	1.50	3.84	1.35	1.18	2.35	13.8	28.5	9.65	1920
1921	20.4	7.05	48.4	32.2	8.67	2.60	3.62	1.09	0.864	5.04	11.8	32.7	14.6	1921
1922	10.2	32.1	33.0	57.9	4.14	11.7	1.76	1.44	3.30	1.69	2.06	2.12	13.2	1922
1923	4.28	2.04	60.7	43.1	28.7	11.0	1.75	1.07	3.54	1.46	4.61	38.8	16.9	1923
1924	26.6	9.27	56.7	41.1	28.1	3.67	2.25	2.55	1.26	1.12	1.12	2.66	14.8	1924
1925	0.476	26.8	52.9	6.88	1.97	1.08	0.774	0.725	0.826	1.23	18.6	10.9	10.2	1925
1926	6.94	6.34	62.3	68.3	6.47	2.78	0.733	9.04	13.3	20.7	56.7	10.2	22.0	1926
1927	5.75	20.0	68.0	7.52	16.3	4.48	21.4	2.17	1.23	1.48	10.7	27.7	14.8	1927
1928	20.2	16.3	57.0	25.5	4.07	8.87	8.10	5.57	1.56	9.97	35.8	35.1	19.0	1928
1929	26.9	6.29	119	47.7	23.6	2.65	1.72	1.09	0.903	1.11	1.78	1.50	19.6	1929
1930	40.8	78.2	24.6	29.1	7.26	5.42	1.86	0.766	1.28	1.19	0.841	2.75	15.7	1930
1931	0.991	1.67	32.0	37.1	8.57	2.25	8.16	5.89	1.83	2.03	14.4	24.9	11.7	1931
1932	45.0	26.8	21.8	27.6	13.0	3.60	3.04	2.70	4.71	5.99	26.1	31.1	17.6	1932
1933	16.1	13.3	25.4	45.9	9.37	2.54	1.33	1.31	1.21	1.35	5.49	11.3	11.2	1933
1934	21.1	6.31	35.4	55.0	2.24	1.26	1.15	0.926	1.10	---	---	---	---	1934
1935	---	---	---	---	---	---	---	---	---	1.16	14.2	8.78	---	1935
1936	4.56	5.61	70.0	28.6	10.6	6.55	0.452	0.300	0.604	1.43	3.38	18.8	12.6	1936
1937	47.6	30.0	9.43	82.7	13.2	5.06	1.60	1.40	1.63	3.45	4.21	2.72	16.7	1937
1938	4.93	81.2	51.9	13.1	5.91	2.43	0.841	1.14	0.795	0.732	0.848	1.14	13.3	1938
1939	4.47	15.9	48.8	52.9	3.03	1.71	1.17	1.09	0.851	1.35	2.68	1.81	11.2	1939
1940	1.81	2.52	4.93	101	21.0	11.9	4.50	4.72	9.24	10.6	22.8	47.3	20.1	1940
1941	15.9	7.79	19.7	34.5	6.66	1.99	0.802	0.541	1.14	4.75	14.4	11.1	9.58	1941
1942	12.2	0.83	72.0	16.4	9.77	9.22	1.51	0.765	14.3	17.4	46.7	20.0	19.1	1942
1943	13.3	46.2	81.4	32.1	37.0	9.98	5.97	3.98	3.99	2.33	8.36	7.03	20.8	1943
1944	9.20	12.8	38.8	38.1	7.97	2.64	0.887	0.482	2.25	---	---	---	---	1944
1953	---	---	---	---	---	---	---	---	---	0.566	0.495	0.912	---	1953
1954	2.29	71.5	63.0	41.9	7.44	1.75	0.488	0.423	0.515	35.6	7.81	19.4	20.7	1954
1955	22.9	6.13	69.9	29.0	3.31	1.02	0.549	0.183	0.383	2.23	6.19	10.8	12.8	1955
1956	5.00	4.98	56.2	59.4	60.5	3.81	2.83	8.59	7.12	3.17	3.84	25.5	20.2	1956
1957	20.5	26.1	34.1	27.7	11.3	9.18	11.8	1.75	7.76	3.46	26.4	53.0	19.4	1957
1958	7.68	4.07	39.1	11.5	2.98	1.56	1.93	0.953	3.80	1.97	7.10	4.72	7.32	1958
1959	9.96	12.0	68.0	77.8	15.8	2.80	1.33	1.58	1.49	9.85	27.5	29.6	21.5	1959
1960	11.2	15.6	21.0	108	35.6	13.1	2.42	1.16	0.697	1.40	1.65	0.742	17.6	1960
1961	0.847	20.3	23.6	23.9	17.4	4.10	3.29	2.35	1.66	0.912	8.75	14.9	10.1	1961
1962	3.60	3.38	54.0	21.7	6.35	2.23	0.734	0.651	0.378	1.88	5.69	8.06	9.08	1962
1963	3.52	1.91	81.5	17.4	11.5	2.85	1.80	0.643	0.245	0.605	0.535	0.583	10.4	1963
1964	8.94	7.48	40.5	25.3	4.76	1.32	0.519	8.65	2.41	1.76	1.76	18.9	10.2	1964
1965	16.1	42.2	31.8	59.0	5.35	0.867	0.888	1.33	1.83	3.65	15.8	49.8	18.9	1965
1966	11.3	21.3	35.1	18.8	9.87	10.4	1.69	3.13	3.37	7.28	23.3	55.2	16.7	1966
1967	33.3	13.5	48.4	56.0	9.31	19.9	8.61	12.1	5.95	31.5	46.5	44.6	27.6	1967
1968	9.93	55.9	47.2	13.6	5.18	3.60	2.75	2.73	7.16	15.5	21.1	25.7	17.4	1968
1969	27.5	29.7	58.5	59.5	21.1	5.09	1.87	2.39	2.47	2.99	12.0	7.67	19.1	1969
1970	3.42	6.34	21.4	59.4	15.9	3.47	3.24	2.23	3.30	5.65	17.2	25.3	13.9	1970
1971	8.90	12.2	47.1	62.2	4.48	2.45	1.68	2.12	1.87	2.13	4.27	6.50	12.9	1971
1972	12.4	4.96	39.3	69.7	12.3	3.07	4.01	2.36	3.02	6.70	14.5	27.2	16.6	1972
1973	45.3	19.3	79.7	17.8	17.3	5.85	3.00	2.77	2.72	4.08	19.0	16.4	19.4	1973
1974	39.9	17.2	55.0	35.7	44.7	4.97	3.35	2.71	2.72	3.62	4.87	3.57	18.3	1974
1975	26.1	22.3	47.1	68.7	7.19	5.36	4.07	3.91	7.44	6.50	4.43	17.9	18.4	1975
1976	10.4	68.0	97.4	26.2	18.9	3.29	6.98	9.17	5.73	5.78	13.8	5.76	22.5	1976
1977	3.57	3.33	111	21.4	5.32	3.02	3.08	3.45	14.6	20.3	21.5	32.5	20.4	1977
1978	8.53	5.62	25.5	126	11.5	4.29	3.02	2.29	10.4	10.7	7.78	12.3	18.9	1978
1979	14.6	4.12	91.6	67.3	10.1	4.09	3.20	3.13	2.93	5.76	33.0	39.4	23.4	1979
1980	11.9	2.92	52.7	37.9	12.1	5.87	5.95	3.36	3.12	5.52	4.82	13.3	13.4	1980
1981	2.68	79.8	22.0	16.2	12.3	4.63	2.77	2.79	21.8	34.0	16.3	9.82	18.3	1981
1982	7.00	3.75	59.6	81.5	6.59	7.28	4.01	4.45	10.9	8.83	40.0	64.9	25.0	1982
1983	15.2	21.9	13.1	21.0	34.9	15.5	10.6	16.7	9.14	17.0	33.1	16.1	16.1	1983
1984	6.45	86.1	39.3	19.0	9.73	13.8	5.52	3.00	12.6	5.35	18.1	32.2	20.6	1984
1985	16.0	49.7	107	51.3	4.88	5.29	4.47	6.38	12.1	15.2	44.1	19.3	27.8	1985
1986	28.9	10.9	80.3	17.8	9.48	8.50	5.37	8.42	59.6	55.9	14.7	22.1	26.8	1986
1987	11.3	5.48	49.5	29.1	4.23	4.42	3.73	2.61	1.95	2.83	16.5	37.3	14.2	1987
1988	6.30	15.4	41.9	18.3	7.13	2.44	1.75	1.72	2.75	12.6	31.9	17.2	13.5	1988
1989	16.4	11.4	27.9	29.4	5.46	8.24	1.81	1.64	2.15	2.98	10.5	4.87	10.2	1989
1990	31.6	32.8	34.9	15.5	8.19	3.71	10.4	7.64	9.27	42.5	38.6	42.7	23.1	1990
MEAN	15.7	20.2	49.8	40.1	12.9	5.55	3.86	3.31	5.03	7.67	14.7	19.7	16.6	MEAN

LOCATION - LAT 43 02 20 N LONG 081 11 05 W

DRAINAGE AREA 1 450 km²

REGULATED SINCE 1953

NORTH THAMES RIVER BELOW FARNHAME DAM - STATION NO. 02GD003

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1915	---	---	---	---	1915
1916	---	354 ON JAN 03	0.396 ON SEP 06	701 000	1916
1917	---	334 ON MAR 24	0.425 ON SEP 23	451 000	1917
1918	---	311 ON MAR 20	0.566 ON AUG 07	522 000	1918
1919	---	215 E ON MAR 17	0.057 ON SEP 10	423 000	1919
1920	---	147 ON MAR 13	0.736 ON SEP 27	305 000	1920
1921	---	297 ON DEC 18	0.680 ON AUG 02	462 000	1921
1922	---	323 ON FEB 23	0.340 ON SEP 06	417 000	1922
1923	---	220 ON MAY 21	0.453 ON JUL 31	533 000	1923
1924	---	195 ON MAR 25	0.538 ON SEP 16	467 000	1924
1925	---	385 ON MAR 19	0.227 ON SEP 02	321 000	1925
1926	---	337 ON APR 11	0.510 ON JUL 20	693 000	1926
1927	---	225 ON JUL 23	0.793 ON SEP 20	466 000	1927
1928	---	354 ON MAR 25	0.963 ON SEP 10	602 000	1928
1929	---	467 ON MAR 16	0.765 ON AUG 27	620 000	1929
1930	---	476 ON FEB 23	0.170 ON AUG 06	496 000	1930
1931	---	262 ON MAR 29	0.708 ON SEP 13	369 000	1931
1932	---	67.1 ON APR 12	0.991 ON AUG 02	556 000	1932
1933	---	237 ON APR 01	0.878 ON SEP 07	352 000	1933
1934	---	311 ON APR 02	---	---	1934
1935	---	---	---	---	1935
1936	---	176 ON MAR 13	0.198 ON AUG 18	400 000	1936
1937	---	583 ON APR 26 *	0.453 ON AUG 02	528 000	1937
1938	---	374 ON FEB 07	0.481 ON DEC 02	419 000	1938
1939	---	281 ON APR 18	0.396 ON JUL 25	355 000	1939
1940	---	459 ON APR 09	1.19 ON AUG 07	636 000	1940
1941	---	112 ON APR 03	0.340 ON AUG 09	302 000	1941
1942	---	385 ON MAR 17	0.510 ON AUG 22	604 000	1942
1943	---	323 ON MAY 12	0.906 ON OCT 12	657 000	1943
1944	---	247 ON APR 10	---	---	1944
1953	---	---	---	---	1953
1954	538E AT 22:00 EST ON FEB 16	405 E ON FEB 17	0.142 ON AUG 24	652 000	1954
1955	---	286 E ON MAR 11	0.028 ON JUL 29	404 000	1955
1956	377 AT 03:00 EST ON MAY 12	334 ON MAY 12	1.08 ON OCT 26	638 000	1956
1957	351 AT 14:30 EST ON DEC 21	334 ON DEC 21	1.08 ON AUG 23	611 000	1957
1958	106 AT 11:00 EST ON MAR 24	101 ON MAR 24	0.113 ON SEP 16	231 000	1958
1959	374 AT 13:30 EST ON APR 02	309 ON APR 02	0.538 ON AUG 13	677 000	1959
1960	425 AT 04:00 EST ON APR 04	391 ON APR 03	0.102 ON DEC 09	556 000	1960
1961	172B AT 11:30 EST ON FEB 25	152 B ON FEB 25	0.017 ON NOV 14	318 000	1961
1962	163 AT 19:00 EST ON MAR 24	157 E ON MAR 25	0.045 ON FEB 02	286 000	1962
1963	654 AT 21:40 EST ON MAR 28 *	532 ON MAR 28	0.014 ON JUL 13 *	328 000	1963
1964	189 AT 18:30 EST ON DEC 25	148 ON APR 07	0.059 ON SEP 22	324 000	1964
1965	405 AT 12:00 EST ON APR 12	362 ON FEB 11	0.023 ON JUN 23	595 000	1965
1966	416 AT 17:40 EST ON DEC 07	331 ON DEC 08	0.017 ON JAN 16	527 000	1966
1967	374 AT 14:30 EST ON APR 03	276 ON JAN 26	0.040 ON DEC 05	869 000	1967
1968	530 AT 22:30 EST ON FEB 02	388 ON FEB 03	1.59 ON JUL 31	550 000	1968
1969	331 AT 21:06 EST ON APR 05	261 ON APR 05	0.651 ON JUL 16	604 000	1969
1970	337 AT 11:55 EST ON APR 09	289 ON APR 09	0.306E ON NOV 19	438 000	1970
1971	328 AT 10:55 EST ON APR 02	251 ON APR 02	0.592 ON DEC 08	408 000	1971
1972	274 AT 01:24 EST ON APR 14	221 ON APR 14	1.77 ON AUG 01	526 000	1972
1973	280 AT 20:44 EST ON MAR 11	261 ON MAR 12	1.99 ON AUG 31	641 000	1973
1974	351 AT 21:12 EST ON MAR 05	314 ON MAR 06	1.77 ON SEP 27	576 000	1974
1975	515 AT 22:29 EST ON APR 19	382 ON APR 19	1.46 ON OCT 23	579 000	1975
1976	343 AT 12:21 EST ON MAR 07	297 ON MAR 07	2.24 ON JUN 15	711 000	1976
1977	569 AT 23:53 EST ON MAR 13	558 ON MAR 14	2.09 ON MAY 31	644 000	1977
1978	354 AT 11:00 EST ON APR 11	331 ON APR 07	1.81 ON AUG 22	596 000	1978
1979	523 AT 04:56 EST ON APR 14	363 ON APR 14	2.23 ON JUL 24	738 000	1979
1980	303 AT 18:47 EST ON MAR 21	267 ON MAR 22	2.30 B ON FEB 13	422 000	1980
1981	385 AT 00:36 EST ON FEB 24	308 ON FEB 24	1.53 ON AUG 13	577 000	1981
1982	529 AT 15:28 EST ON APR 01	434 ON APR 01	2.25 ON AUG 20	787 000	1982
1983	171 AT 05:10 EST ON MAY 03	151 ON DEC 13	2.23 ON JUL 28	571 000	1983
1984	350 AT 23:21 EST ON FEB 14	303 ON FEB 15	2.28 ON AUG 08	653 000	1984
1985	381 AT 21:30 EST ON FEB 24	289 ON FEB 26	1.33 ON JUN 16	876 000	1985
1986	---	343 ON SEP 12	1.86 ON MAY 07	845 000	1986
1987	190 AT 01:18 EST ON MAR 09	169 ON MAR 09	1.68 ON OCT 10	446 000	1987
1988	---	120 E ON MAR 26	0.153 ON AUG 25	428 000	1988
1989	---	130 E ON MAR 30	0.668 ON JUL 17	321 000	1989
1990	291 AT 20:50 EST ON DEC 30	262 ON DEC 31	2.05 ON JUL 08	730 000	1990
				526 000	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

NORTH THAMES RIVER NEAR MITCHELL - STATION NO. 02GD014

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1953	---	---	---	---	---	---	---	---	---	---	0.408	0.987	---	1953
1954	---	16.8	---	---	1.39	0.369	0.001	0	0	6.53	2.08	4.61	---	1954
1955	6.57	1.29	16.7	2.19	0.429	0.074	0	0	0	0.186	1.25	2.55	2.64	1955
1956	1.10	0.970	11.6	17.4	15.3	0.777	0.524	0.239	0.529	0.386	0.488	4.80	4.52	1956
1957	4.26	6.95	7.68	6.43	2.29	1.19	1.43	0.068	0.445	0.638	6.20	11.0	4.03	1957
1958	1.09	0.459	8.67	2.17	0.252	0.084	0.087	0.167	0.320	0.202	1.77	0.996	1.37	1958
1959	2.10	2.81	15.3	22.8	2.87	0.698	0.131	0.065	0.130	0.743	5.83	5.77	4.92	1959
1960	1.57	3.41	5.40	25.3	7.65	0.865	0.079	0.003	0.033	0.027	0.105	0.066	3.68	1960
1961	0.052	4.62	7.68	4.54	4.17	1.49	0.965	0.165	0.286	0.274	3.77	7.00	2.91	1961
1962	0.934	1.09	19.4	4.37	0.659	0.210	0.061	0.053	0.026	0.165	1.21	4.11	2.72	1962
1963	0.664	0.146	24.8	3.69	3.22	0.291	0.023	0.017	0.025	0.020	0.078	0.078	2.79	1963
1964	2.22	1.89	12.1	5.74	0.616	0.056	0.025	0.379	0.204	0.236	0.130	5.90	2.47	1964
1965	3.43	11.8	7.14	15.8	2.07	0.056	0.067	0.025	0.040	1.71	7.53	17.7	5.56	1965
1966	2.56	5.50	9.56	4.78	2.70	3.25	0.031	0.038	0.056	0.073	2.16	12.2	3.57	1966
1967	11.5	2.61	13.1	12.7	1.88	3.96	2.35	1.96	0.562	6.90	11.2	9.10	6.51	1967
1968	2.61	8.02	11.2	2.85	0.598	0.245	0.108	0.363	1.16	1.98	5.41	3.94	3.27	1968
1969	7.61	5.12	16.2	17.3	5.13	0.887	0.107	0.041	0.010	0.082	1.75	1.11	4.61	1969
1970	0.536	1.22	4.96	19.1	2.13	0.395	0.200	0.037	0.175	0.702	3.36	5.84	3.21	1970
1971	1.83	3.81	9.63	19.9	0.580	1.22	0.093	0.234	0.118	0.186	0.220	3.88	3.45	1971
1972	3.93	1.04	8.55	21.6	1.03	0.466	0.700	0.038	0.043	1.70	1.71	9.31	4.34	1972
1973	9.89	3.14	20.9	3.58	4.21	0.961	0.165	0.270	0.114	0.051	3.60	3.64	4.24	1973
1974	11.3	3.99	14.2	10.9	11.4	0.403	0.103	0.013	0.067	0.087	0.930	0.289	4.50	1974
1975	6.37	5.14	12.4	23.2	0.883	1.02	0.110	1.15	2.09	0.291	1.76	6.30	5.04	1975
1976	2.23	17.3	31.5	7.02	3.97	0.172	0.256	0.066	0.156	0.334	2.42	1.19	5.52	1976
1977	0.308	0.468	45.0	2.67	0.356	0.128	0.097	0.234	1.91	3.74	4.88	7.09	5.65	1977
1978	2.03	0.947	6.22	30.3	1.95	0.379	0.039	0.139	5.86	4.04	2.36	3.10	4.75	1978
1979	3.87	0.581	36.3	16.7	1.80	0.279	0.201	0.300	0.049	1.60	11.6	12.8	7.23	1979
1980	2.49	0.385	16.8	10.3	1.90	0.546	0.151	0.068	0.106	0.549	0.740	3.32	3.12	1980
1981	0.314	22.8	4.84	2.91	3.10	0.623	0.136	0.564	5.02	9.90	4.05	2.34	4.59	1981
1982	0.942	0.424	17.9	20.6	0.656	1.35	0.596	1.59	2.65	1.01	12.3	16.6	6.41	1982
1983	2.08	4.76	3.14	4.58	9.19	2.30	1.49	1.88	2.59	2.20	4.74	8.00	3.91	1983
1984	1.08	26.9	12.8	3.53	0.974	1.64	0.107	0.019	0.680	0.213	5.31	10.4	5.22	1984
1985	2.27	25.2	28.8	11.3	0.404	0.950	0.762	4.55	4.54	4.71	12.1	4.90	8.25	1985
1986	7.99	2.10	27.6	3.07	1.83	2.35	0.684	4.16	26.4	11.3	2.62	3.39	7.82	1986
1987	1.88	0.923	17.3	6.41	0.302	0.128	1.47	0.565	0.039	0.660	5.94	10.8	3.90	1987
1988	1.93	3.48	15.3	3.46	1.31	0.107	0.019	0.009	0.014	4.02	7.46	4.39	3.47	1988
1989	4.43	1.66	7.82	6.59	0.804	1.36	0.040	0.022	0.079	0.133	3.50	0.621	2.25	1989
1990	9.61	7.41	9.01	3.57	1.38	0.739	1.32	0.212	0.582	10.9	10.4	11.4	5.55	1990
MEAN	3.46	5.60	15.0	10.5	2.74	0.865	0.399	0.533	1.54	2.12	4.09	5.83	4.39	MEAN

LOCATION - LAT 43 27 00 N LONG 081 12 20 W DRAINAGE AREA, 319 km² REGULATED

NORTH THAMES RIVER NEAR MITCHELL - STATION NO. 02GD014

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1953	---	---	---	---	1953
1954	---	---	---	---	1954
1955	---	182 ON MAR 11	0 ON JUN 28 *	83 100	1955
1956	214 AT 23:00 EST ON MAY 11	162 ON APR 04	0.028 ON AUG 21	143 000	1956
1957	---	101 ON DEC 21	0.057 ON AUG 04	127 000	1957
1958	---	26.8 ON MAR 27	0 ON AUG 29	43 100	1958
1959	148 AT 19:00 EST ON APR 05	146 ON APR 02	0.028 ON AUG 10	155 000	1959
1960	209 AT 18:00 EST ON APR 03	172 ON APR 03	0 ON JUL 27	116 000	1960
1961	---	83.3 ON DEC 05	0 ON AUG 17	91 700	1961
1962	---	118 ON MAR 29	0 ON JUL 17	85 700	1962
1963	---	271 ON MAR 27	0 ON JUL 13	88 000	1963
1964	---	54.1 ON DEC 25	0 ON JUL 01	78 100	1964
1965	---	90.9B ON FEB 10	0 ON AUG 22	175 000	1965
1966	---	191 ON DEC 07	0.011 ON AUG 06	113 000	1966
1967	---	207 ON JAN 25	0.025 ON SEP 13	205 000	1967
1968	---	127 B ON FEB 02	0.025 ON JUL 29	103 000	1968
1969	---	137 ON APR 05	0 ON SEP 20	145 000	1969
1970	205 AT 22:43 EST ON APR 08	144 ON APR 09	0.005 ON AUG 24	101 000	1970
1971	108 AT 17:55 EST ON APR 02	94.6 ON APR 02	0 ON JUL 04	109 000	1971
1972	153 AT 02:25 EST ON APR 17	100 ON APR 13	0 ON AUG 31	137 000	1972
1973	193 AT 18:06 EST ON MAR 11	82.1 ON MAR 11	0 ON SEP 07	134 000	1973
1974	289 AT 03:24 EST ON MAY 17	164 ON MAY 17	0 ON AUG 18	142 000	1974
1975	447 AT 05:18 EST ON APR 19 *	294 ON APR 19	0.005 ON AUG 02	159 000	1975
1976	201 AT 04:36 EST ON MAR 21	203 ON MAR 21	* 0.001 ON SEP 15	175 000	1976
1977	413 AT 23:49 EST ON MAR 12	160 ON MAR 13 *	0 E ON SEP 01	178 000	1977
1978	191 AT 21:19 EST ON APR 07	120 ON APR 07	0.028 ON JUL 13	150 000	1978
1979	233 AT 02:51 EST ON APR 14	164 ON APR 14	0.012 ON SEP 12	228 000	1979
1980	195 AT 14:02 EST ON MAR 21	150 ON MAR 21	0.028 ON AUG 25	98 800	1980
1981	146 AT 14:06 EST ON FEB 23	121 ON FEB 23	0.014 ON AUG 26	145 000	1981
1982	201 AT 21:44 EST ON MAR 31	165 ON MAR 31	0.089 ON JUL 15	202 000	1982
1983	52.8 AT 01:00 EST ON DEC 13	43.1 ON DEC 13	0.004 ON JUL 26	123 000	1983
1984	112 AT 18:50 EST ON DEC 29	98.0B ON FEB 14	0 ON AUG 31	165 000	1984
1985	---	169 B ON FEB 25	0 ON AUG 04	260 000	1985
1986	262 AT 09:13 EST ON SEP 11	216 ON SEP 11	0.032 ON AUG 06	247 000	1986
1987	86.6 AT 03:00 EST ON NOV 26	63.4 ON NOV 26	0 ON JUN 21	123 000	1987
1988	119 AT 20:50 EST ON MAR 25	76.9 ON MAR 25	0.008E ON AUG 10	110 000	1988
1989	57.7 AT 05:08 EST ON MAR 29	43.0 ON MAR 29	0.002 ON JUL 31	71 100	1989
1990	129 AT 01:50 EST ON DEC 30	96.7 ON DEC 30	0.060 ON SEP 04	175 000	1990
				138 000	MEAN

B - ICE CONDITIONS * - EXTREME RECORDED FOR THE PERIOD OF RECORD
E - ESTIMATED

NORTH THAMES RIVER NEAR THORNDALE - STATION NO. 02GD015

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1953	---	---	---	---	---	---	---	---	---	0.847	1.43	3.10	---	1953
1954	6.80	68.7	59.1	37.8	6.12	2.19	0.435	0.415	0.653	34.0	7.60	22.4	20.2	1954
1955	18.6	6.23	55.1	26.5	3.42	1.04	0.598	0.511	0.594	1.41	6.59	10.5	11.0	1955
1956	4.70	4.51	52.9	57.0	56.8	3.56	2.43	8.97	6.40	2.86	3.58	23.8	19.0	1956
1957	18.5	25.2	30.7	27.5	11.5	9.60	10.3	1.48	4.05	3.89	26.3	48.1	18.1	1957
1958	7.22	4.02	35.6	11.1	2.75	1.47	1.77	0.933	3.75	1.87	6.98	4.32	6.85	1958
1959	9.01	11.2	59.5	68.4	15.5	2.61	1.14	1.53	1.53	8.97	25.0	26.7	19.3	1959
1960	13.5	14.0	24.5	93.3	30.4	12.9	1.71	0.912	0.680	1.00	1.51	0.926	16.2	1960
1961	0.772	20.4	23.1	21.6	17.5	4.10	2.90	1.55	1.58	1.25	9.52	14.0	9.77	1961
1962	3.19	3.58	50.8	17.9	4.18	1.72	0.664	0.811	0.628	1.30	5.62	8.62	8.31	1962
1963	2.89	2.13	76.0	16.2	9.52	2.37	0.991	0.796	0.853	0.831	1.05	0.816	9.64	1963
1964	9.95	7.29	38.5	24.2	4.93	1.11	0.926	8.53	2.63	1.34	1.75	20.5	10.2	1964
1965	21.7	42.0	28.2	58.6	7.77	1.24	0.624	0.877	1.34	4.23	16.3	51.7	19.4	1965
1966	11.2	23.7	35.6	17.9	9.19	11.3	1.70	3.42	3.72	2.69	24.4	54.2	16.5	1966
1967	15.2	42.6	44.8	52.7	9.66	22.0	8.96	13.3	6.31	30.4	45.6	43.2	27.1	1967
1968	10.3	22.4	20.7	14.7	5.74	2.85	2.23	3.04	8.18	16.6	23.3	23.6	17.7	1968
1969	30.5	24.4	50.1	53.5	20.5	4.90	2.46	3.00	3.06	3.19	10.9	7.73	17.8	1969
1970	3.46	5.97	20.7	57.0	18.0	4.36	3.70	2.58	3.77	5.82	21.8	29.0	14.7	1970
1971	8.86	11.0	44.9	60.0	6.35	3.12	2.00	2.78	2.25	2.17	2.04	10.3	13.0	1971
1972	11.9	4.58	38.1	66.2	11.5	2.91	3.87	2.11	3.05	6.73	14.4	30.8	16.3	1972
1973	43.9	15.7	75.0	17.4	16.4	6.50	2.95	2.94	2.84	3.42	19.4	17.0	18.7	1973
1974	39.0	14.7	51.4	35.3	42.3	5.62	3.28	2.64	2.83	2.83	6.22	3.56	17.5	1974
1975	24.1	20.2	42.5	61.8	6.30	5.98	6.57	3.04	6.23	2.26	6.65	19.6	17.0	1975
1976	11.0	59.6	79.8	24.3	17.9	3.07	6.81	9.08	5.57	5.78	12.9	6.03	20.0	1976
1977	2.91	2.38	97.8	20.2	6.28	2.63	2.94	3.46	14.8	20.3	20.5	29.3	18.9	1977
1978	7.85	4.69	22.4	109	12.6	3.69	2.56	2.20	11.2	11.9	8.13	11.7	17.2	1978
1979	14.1	3.71	79.8	59.2	10.8	3.86	2.70	2.95	2.83	6.50	32.2	38.7	21.5	1979
1980	12.9	2.80	46.9	34.4	12.0	6.38	5.04	3.14	3.23	6.06	5.14	12.6	12.6	1980
1981	5.99	67.8	20.5	15.4	13.2	3.73	4.38	3.19	20.7	32.1	15.6	9.58	16.8	1981
1982	5.82	3.13	62.8	70.9	5.51	6.63	3.60	4.52	12.0	7.70	44.6	58.6	23.7	1982
1983	14.5	23.8	12.9	20.1	31.2	15.6	12.3	15.9	9.98	9.00	17.5	32.3	18.0	1983
1984	5.95	75.8	36.7	19.2	11.6	13.5	4.80	2.77	12.9	5.24	19.2	32.3	19.7	1984
1985	14.4	46.4	108	48.5	5.62	4.82	3.85	6.77	11.8	15.7	45.8	20.2	27.5	1985
1986	24.1	7.60	73.0	16.7	9.27	8.48	4.44	7.11	61.9	46.1	13.9	18.5	24.4	1986
1987	10.4	4.92	48.8	27.7	3.74	3.40	3.44	2.37	1.95	3.50	17.0	36.6	13.7	1987
1988	10.6	15.2	47.9	19.0	7.58	1.91	1.55	1.47	2.06	14.1	33.3	10.3	14.4	1988
1989	18.7	9.25	29.4	27.1	5.45	8.68	1.88	1.46	1.95	3.21	13.0	3.94	10.3	1989
1990	35.4	32.9	35.3	17.1	9.11	3.84	11.7	8.09	10.6	43.7	43.1	44.7	24.6	1990
MEAN	14.2	20.5	48.4	38.5	13.0	5.49	3.57	3.80	6.77	9.76	16.5	22.3	17.0	MEAN

LOCATION - LAT 43 08 57 N LONG 081 11 30 W DRAINAGE AREA, 1 340 km² REGULATED

NORTH THAMES RIVER NEAR THORNDALE - STATION NO. 02GD015

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1953	---	---	---	---	1953
1954	867 AT 21:00 EST ON FEB 16 *	521 ON OCT 16	0.396 ON JUL 07	638 000	1954
1955	---	255 E ON MAR 11	0.227 ON AUG 09 *	346 000	1955
1956	668 AT 24:00 EST ON MAY 11	447 ON MAY 12	0.963 ON AUG 03	602 000	1956
1957	473 AT 06:15 EST ON DEC 21	360 ON DEC 21	1.05 ON AUG 22	570 000	1957
1958	97.1 AT 08:00 EST ON MAR 27	84.4 ON MAR 27	0.566 ON AUG 20	216 000	1958
1959	447 AT 13:00 EST ON APR 02	382 ON APR 02	0.396 ON AUG 07	608 000	1959
1960	668 AT 00:30 EST ON APR 04	527 ON APR 03	0.521 ON AUG 28	511 000	1960
1961	142 AT 20:30 EST ON FEB 24	135 ON FEB 24	0.283B ON JAN 24	308 000	1961
1962	---	122 B ON MAR 24	0.430 ON JUL 18	262 000	1962
1963	648 AT 02:00 EST ON MAR 28	555 ON MAR 27	0.476 ON JUL 10	304 000	1963
1964	176 AT 23:59 EST ON APR 06	172 ON DEC 25	0.430 ON JUL 07	322 000	1964
1965	603 AT 00:30 EST ON FEB 11	337 ON FEB 11	0.326 ON JUL 30	611 000	1965
1966	580 AT 13:00 EST ON DEC 07	476 ON DEC 07	0.668 ON JUL 13	522 000	1966
1967	510 AT 09:00 EST ON APR 03	365 ON APR 03	2.57 ON JUL 18	856 000	1967
1968	651 AT 16:20 EST ON FEB 02	501 ON FEB 02	1.08 ON JUN 19	561 000	1968
1969	377 AT 11:20 EST ON APR 05	300 ON APR 05	1.40 ON JUL 13	561 000	1969
1970	317 AT 08:00 EST ON APR 09	266 ON APR 09	1.37 ON JUL 03	463 000	1970
1971	303 AT 08:06 EST ON APR 02	270 ON APR 02	0.898 ON JUL 04	409 000	1971
1972	309 AT 09:58 EST ON APR 17	242 ON APR 17	1.11 ON AUG 06	517 000	1972
1973	391 AT 01:26 EST ON MAR 12	263 ON MAR 12	1.67 ON JUL 24	591 000	1973
1974	583 AT 10:37 EST ON MAY 17	445 ON MAY 17	1.93 ON OCT 31	554 000	1974
1975	714 AT 10:17 EST ON APR 19	552 ON APR 19	0.504 ON AUG 20	537 000	1975
1976	453 AT 20:52 EST ON MAR 05	266 ON MAR 21	1.36 ON JUN 15	634 000	1976
1977	711 AT 13:09 EST ON MAR 13	646 ON MAR 13 *	0.940 ON JUN 24	593 000	1977
1978	473 AT 15:40 EST ON APR 11	374 ON APR 11	1.83 ON SEP 02	544 000	1978
1979	588 AT 09:37 EST ON APR 14	505 ON APR 14	1.57 ON JUL 23	680 000	1979
1980	541 AT 17:12 EST ON MAR 21	408 ON MAR 21	2.02 ON JUL 26	399 000	1980
1981	423 AT 20:26 EST ON FEB 23	328 ON FEB 23	0.633 ON AUG 12	530 000	1981
1982	576 AT 00:57 EST ON APR 01	458 ON MAR 31	1.77 ON AUG 19	748 000	1982
1983	---	229 E ON DEC 13	1.74 ON JUL 27	569 000	1983
1984	---	260 B ON FEB 14	1.72 ON AUG 29	624 000	1984
1985	375 AT 23:33 EST ON MAR 28	318 ON FEB 25	1.93 ON AUG 03	869 000	1985
1986	521 AT 21:59 EST ON SEP 11	419 ON SEP 12	2.46 ON JUL 25	769 000	1986
1987	178 AT 03:00 EST ON MAR 09	150 ON DEC 21	1.45 ON AUG 24	433 000	1987
1988	215 AT 04:52 EST ON MAR 26	197 ON MAR 26	1.14 ON AUG 22	456 000	1988
1989	146 AT 08:35 EST ON MAR 29	133 ON MAR 29	1.17 ON SEP 05	325 000	1989
1990	344 AT 09:27 EST ON DEC 30	302 ON DEC 30	1.84 ON JUL 08	777 000	1990
				536 000	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

NORTH WEST GANARASKA RIVER NEAR OSACA - STATION NO. 02HD004

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1958	---	---	---	---	---	---	---	0.297	0.311	0.272	---	---	---	1958
1959	---	---	---	---	---	---	---	---	---	0.330	0.400	0.502	---	1959
1960	0.334	0.506	0.366	1.56	1.46	0.602	0.554	0.407	0.390	0.353	0.438	0.299	0.604	1960
1961	0.257	1.04	0.736	0.780	0.522	0.520	0.396	0.298	0.295	0.282	0.355	0.394	0.485	1961
1962	0.360	0.465	0.698	0.563	0.401	0.315	0.266	0.263	0.282	0.296	0.313	0.224	0.370	1962
1963	0.304	0.265	0.603	0.558	0.516	0.267	0.247	0.275	0.268	0.239	0.331	0.353	0.353	1963
1964	0.530	0.367	0.495	0.531	0.266	0.245	0.405	0.313	0.193	0.237	0.317	0.407	0.359	1964
1965	0.416	1.08	0.965	1.84	0.399	0.259	0.244	0.245	0.200	0.422	0.540	0.744	0.611	1965
1966	0.358	0.476	1.73	0.505	0.346	0.279	0.224	0.186	0.225	0.228	0.376	0.464	0.451	1966
1967	0.404	0.347	0.810	0.882	0.540	0.557	0.454	0.311	0.299	0.360	0.611	0.508	0.507	1967
1968	0.408	0.719	1.60	0.533	0.572	0.330	0.212	0.287	0.303	0.294	0.556	0.474	0.524	1968
1969	0.952	0.450	0.924	0.685	0.522	0.410	0.362	0.366	0.244	0.320	0.407	0.379	0.503	1969
1970	0.309	0.361	0.586	0.756	0.478	0.341	0.299	0.223	0.268	0.320	0.385	0.378	0.392	1970
1971	0.273	0.389	0.370	1.36	0.431	0.350	0.274	0.186	0.254	0.257	0.277	0.422	0.402	1971
1972	0.359	0.357	0.424	1.56	0.641	0.392	0.322	0.373	0.306	0.401	0.514	0.659	0.525	1972
1973	0.610	0.664	1.25	0.664	0.504	0.331	0.204	0.193	0.186	0.318	0.503	0.375	0.483	1973
1974	0.535	0.387	1.08	1.12	0.686	0.458	0.439	0.308	0.324	0.327	0.420	0.355	0.537	1974
1975	0.502	0.641	1.29	0.794	0.423	0.316	0.255	0.235	0.297	0.287	0.356	0.412	0.483	1975
1976	0.363	0.591	1.21	0.643	0.576	0.408	0.336	0.275	0.285	0.315	0.315	0.288	0.467	1976
1977	0.230	0.309	1.08	0.574	0.288	0.264	0.213	0.209	0.364	0.403	0.633	0.555	0.434	1977
1978	0.529	0.299	0.496	1.46	0.656	0.338	0.318	0.301	0.371	0.367	0.424	0.339	0.492	1978
1979	0.362	0.255	1.55	0.879	0.475	0.310	0.250	0.271	0.275	0.365	0.406	0.459	0.490	1979
1980	0.528	0.249	1.62	0.963	0.394	0.496	0.548	0.310	0.367	0.502	0.474	0.523	0.583	1980
1981	0.341	2.05	0.575	0.585	0.502	0.341	0.329	0.334	0.426	0.525	0.520	0.344	0.562	1981
1982	0.346	0.247	0.869	1.37	0.453	0.499	0.336	0.284	0.317	0.325	0.502	0.530	0.506	1982
1983	0.505	0.861	0.669	0.792	0.751	0.389	0.287	0.296	0.297	0.408	0.450	0.466	0.512	1983
1984	0.231	0.972	0.735	1.23	0.571	0.329	0.283	0.279	0.348	0.294	0.373	0.393	0.500	1984
1985	0.272	0.683	1.01	0.887	0.467	0.353	0.273	0.276	0.304	0.337	0.722	0.395	0.496	1985
1986	0.392	0.294	0.983	0.595	0.443	0.401	0.290	0.413	0.605	0.518	0.480	0.674	0.509	1986
1987	0.445	0.320	0.855	0.746	0.370	0.334	0.280	0.278	0.351	0.362	0.457	0.511	0.443	1987
1988	0.502	0.460	1.03	0.641	0.450	0.311	0.260	0.246	0.300	0.363	0.429	0.438	0.452	1988
1989	0.390	0.288	0.723	0.544	0.534	0.412	0.229	0.235	0.321	0.353	0.604	0.325	0.413	1989
1990	1.20	0.748	1.60	0.764	0.569	0.395	0.360	0.301	0.300	0.421	0.380	0.687	0.645	1990
MEAN	0.437	0.553	0.933	0.883	0.523	0.373	0.314	0.286	0.309	0.345	0.446	0.447	0.487	MEAN

LOCATION - LAT 44 01 04 N DRAINAGE AREA, 42.7 km²
LONG 078 26 23 W REGULATED

REMARKS - MINOR REGULATION BY PUMPING

NORTH WEST GANARASKA RIVER NEAR OSACA - STATION NO. 02HD004

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1958	---	---	---	---	1958
1959	---	---	---	---	1959
1960	---	10.9 ON MAY 09	0.255B ON JAN 26	19 100	1960
1961	---	6.94B ON FEB 26	0.201 ON AUG 19	15 300	1961
1962	---	1.31 ON MAR 25	0.144 ON JUL 17	11 700	1962
1963	---	2.15 ON MAR 27	0.173 ON AUG 11	11 100	1963
1964	---	3.91 ON JUL 13	0.130 ON AUG 01	11 400	1964
1965	---	20.0 ON APR 07	0.125B ON MAR 31	19 300	1965
1966	---	14.2 B ON MAR 01	0.127 ON AUG 01	14 200	1966
1967	---	3.43B ON MAR 12	0.122B ON FEB 13	16 000	1967
1968	21.5 B AT 21:00 EST ON MAR 18	6.23B ON MAR 18	0.159 ON JUL 29	16 600	1968
1969	23.4 B AT 19:57 EST ON MAR 18	4.73B ON MAR 18	0.178 ON JUL 23	15 900	1969
1970	2.70 AT 13:32 EST ON APR 20	1.29 ON APR 20	0.161 ON AUG 17	12 400	1970
1971	5.21 AT 22:11 EST ON APR 09	3.09 ON APR 10	0.113 ON AUG 07	12 700	1971
1972	11.4 AT 12:00 EST ON APR 13	4.93 ON APR 13	0.187E ON AUG 01	16 600	1972
1973	10.9 AT 22:30 EST ON MAR 07	4.87 ON MAR 07	0.110 ON JUL 24 *	15 200	1973
1974	14.6 AT 07:47 EST ON APR 04	8.41 ON MAR 05	0.159B ON JAN 18	16 900	1974
1975	14.1 AT 20:25 EST ON MAR 19	7.90 ON MAR 19	0.181B ON FEB 10	15 200	1975
1976	8.55 AT 07:34 EST ON MAR 21	6.29 ON MAR 21	0.221 ON AUG 24	14 800	1976
1977	14.0 AT 09:33 EST ON MAR 13	7.65 ON MAR 13	0.150 ON JUL 23	13 700	1977
1978	6.71 AT 17:38 EST ON APR 01	4.22 ON APR 07	0.218 ON JUL 18	15 500	1978
1979	10.0 AT 09:04 EST ON MAR 14	5.89 ON MAR 14	0.190 ON JUL 25	15 500	1979
1980	---	20.5 E ON MAR 21 *	0.155B ON MAR 20	18 400	1980
1981	---	8.00B ON FEB 20	0.232 ON JUL 17	17 700	1981
1982	26.4 AT 19:47 EST ON MAR 31	8.82 ON MAR 31	0.218B ON FEB 11	16 000	1982
1983	22.2 AT 01:00 EST ON FEB 03	5.88 ON FEB 03	0.236 ON JUL 27	16 100	1983
1984	25.9 AT 09:06 EST ON APR 05	10.9 B ON FEB 14	0.160B ON JAN 20	15 800	1984
1985	---	5.80B ON FEB 24	0.186 ON SEP 13	15 600	1985
1986	7.75 AT 16:49 EST ON MAR 19	4.65 ON MAR 19	0.190 ON JUL 31	16 100	1986
1987	4.47 AT 21:48 EST ON APR 04	2.78 ON APR 05	0.216 ON JUL 31	14 000	1987
1988	---	5.83B ON MAR 26	0.180E ON JUL 09	14 300	1988
1989	---	4.00B ON MAR 15	0.192 ON JUL 26	13 000	1989
1990	43.6 AT 07:44 EST ON MAR 12 *	20.1 ON MAR 12	0.220B ON JAN 02	20 300	1990
				15 400	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

NORTHEAST TRIBUTARY TO DASHWA LAKE NEAR ATIKOKAN - STATION NO. 05PB019

MONTHLY AND ANNUAL MEAN DISCHARGES FOR MAR TO OCT IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1986	---	---	---	---	---	0.010	0.035	0.003	0.011	0.015	0.020	---	---	1986
MEAN	---	---	---	---	---	0.010	0.035	0.003	0.011	0.015	0.020	---	---	MEAN

LOCATION - LAT 48 57 03 N
LONG 091 42 44 W
NATURAL FLOW

DATA CONTRIBUTED BY -
ATOMIC ENERGY OF CANADA

NORTHEAST TRIBUTARY TO DASHWA LAKE NEAR ATIKOKAN - STATION NO. 05PB019

EXTREMES OF DISCHARGE AND TOTAL DISCHARGE FOR MAR TO OCT FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1986	---	---	---	---	1986
				---	MEAN

NORTHWEST TRIBUTARY TO LAKE 239 NEAR KENORA - STATION NO. 05PD022

MONTHLY AND ANNUAL MEAN DISCHARGES FOR APR TO OCT IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1970	---	---	---	---	---	---	0.001	0	0.010	0.011	0.006	0.001	---	1970
1971	---	---	---	0.016	0.010	0.006	0.009	0.002	0.004	0.010	---	---	0.009	1971
1972	---	---	---	0.011	0.007	0.003	0.008	0.010	0.006	0.005	---	---	0.007	1972
1973	---	---	---	0.011	0.005	0.003	0.005	0.004	0.010	0.007	---	---	0.006	1973
1975	---	---	---	0.011	0.009	0.008	0.002	0	0.003	0.003	---	---	0.005	1975
1976	---	---	---	0.018	0.002	0.003	0	0	0	0	---	---	0.003	1976
1977	---	---	0	0.006	0.006	0.012	0.002	0	0.004	0.001	---	---	0.004	1977
1978	---	---	---	0.022	0.012	0.005	0.001	0.002	0.002	0.001	---	---	0.006	1978
1979	---	---	---	0.017	0.009	0.003	0	0	0	0	---	---	0.004	1979
1980	---	---	---	0.010	0.002	0.001	0.003	0.006	0.005	0.005	---	---	0.004	1980
1981	---	---	---	0.006	0.001	0.010	0.006	0.001	0.007	0.009	---	---	0.006	1981
1982	---	---	---	0.018	0.006	0.003	0.008	0	0.003	0.011	---	---	0.007	1982
1983	---	---	---	0.016	0.005	0.005	0.002	0	0	0	---	---	0.004	1983
1984	---	---	---	0.013	0.003	0.005	0	0	0	0.008	---	---	0.004	1984
1986	---	---	---	0.025	0.007	0	0	0	0.001	0.002	---	---	0.005	1986
1987	---	---	0.014	0.007	0.005	0.003	0	0	0	0	---	---	0.002	1987
1988	---	---	0	0.012	0.003	0.001	0.010	0	0	0	---	---	0.004	1988
1989	---	---	---	0.026	0.007	0.008	0.001	0	0	0	---	---	0.006	1989
1990	---	---	---	0.002	0.004	0.012	0.001	0	0	0	---	---	0.003	1990
MEAN	---	---	0.005	0.014	0.006	0.005	0.003	0.001	0.003	0.004	0.006	0.001	0.005	MEAN

LOCATION - LAT 49 39 57 N
LONG 093 43 40 W
DRAINAGE AREA, 0.56 km^2
NATURAL FLOW

DATA CONTRIBUTED BY -
DEPARTMENT OF FISHERIES AND OCEANS (CANADA)

NORTHWEST TRIBUTARY TO LAKE 239 NEAR KENORA - STATION NO. 05PD022

EXTREMES OF DISCHARGE AND TOTAL DISCHARGE FOR APR TO OCT FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1970	---	---	0 ON JUL 17 *	---	1970
1971	0.187 AT 04:15 CST ON JUL 01	0.125 ON JUL 01	0E ON APR 01	172	1971
1972	---	0.153 ON AUG 20	0 ON JUL 05	131	1972
1973	0.136 AT 23:52 CST ON APR 20	0.074 ON APR 21	0E ON APR 01	119	1973
1975	0.122 AT 14:02 CST ON JUN 22	0.065 ON JUN 22	0E ON APR 01	96.1	1975
1976	0.099 AT 14:20 CST ON APR 16	0.076 ON APR 16	0 ON APR 01	62.1	1976
1977	0.071 AT 19:48 CST ON JUN 15	0.042 ON JUN 16	0 ON APR 01	80.9	1977
1978	0.102 AT 17:22 CST ON APR 26	0.079 ON APR 25	0 ON APR 01	118	1978
1979	0.116 AT 03:10 CST ON APR 25	0.083 ON APR 25	0 ON APR 01	76.2	1979
1980	0.057 AT 11:59 CST ON APR 18	0.046 ON APR 19	0 ON APR 01	80.7	1980
1981	0.121E AT 23:52 CST ON SEP 06	0.060E ON JUL 03	0 ON MAY 20	104	1981
1982	---	0.132E ON APR 16	0E ON APR 03	131	1982
1983	0.068 AT 20:23 CST ON APR 11	0.048 ON APR 11	0 ON APR 01	71.9	1983
1984	0.069 AT 18:02 CST ON OCT 19	0.048 ON APR 06	0 ON MAY 28	75.5	1984
1986	---	0.105 ON APR 28	0 ON MAY 25	90.4	1986
1987	0.118 ON MAR 24	0.029 ON MAY 22	0 ON MAY 07	38.4	1987
1988	0.432 ON JUL 07 *	0.160 ON JUL 07 *	0 ON APR 01	69.1	1988
1989	0.230 ON APR 22	0.129 ON APR 22	0E ON APR 01	111	1989
1990	0.086 ON JUN 22	0.061 ON JUN 22	0A ON APR 01	51.2	1990
				93.3	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX)
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

NOTTAWASAGA RIVER AT HOCKLEY - STATION NO. 02ED026

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1989	---	---	---	---	---	---	---	---	---	1.27	2.82	1.53	---	1989
1990	2.22	2.47	5.54	2.59	2.44	1.52	0.907	0.894	0.890	2.30	2.50	3.09	2.28	1990
MEAN	2.22	2.47	5.54	2.59	2.44	1.52	0.907	0.894	0.890	1.79	2.66	2.31	2.28	MEAN

LOCATION - LAT 44 01 27 N LONG 079 58 15 W DRAINAGE AREA, 172.9 km²

REMARKS - STATION ACTIVATED IN 1989

NOTTAWASAGA RIVER AT HOCKLEY - STATION NO. 02ED026

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1989	12.2 AT 11:26 EST ON NOV 16	11.2 ON NOV 16	0.858 ON OCT 05	---	1989
1990	41.7 AT 20:20 EST ON MAR 12 *	34.5 ON MAR 13 *	0.684 ON AUG 10 *	72 000	1990
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		72 000	MEAN

NOTTAWASAGA RIVER NEAR ALLISTON - STATION NO. 02ED101

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1967	---	---	---	---	---	---	---	---	---	---	3.97	---	---	1967
1968	---	---	---	4.49	2.80	2.08	1.63	2.58	2.78	2.38	4.72	3.08	---	1968
1969	---	---	10.6	10.2	5.08	2.05	1.63	1.45	1.22	1.56	2.27	2.19	---	1969
1970	2.08	1.61	3.33	10.8	3.23	1.51	2.54	1.12	1.51	1.93	2.53	3.24	2.95	1970
1971	1.58	2.69	3.11	9.29	2.25	1.67	1.36	1.39	1.12	1.24	1.50	3.02	2.51	1971
1972	2.40	1.80	2.68	12.1	3.03	2.91	1.55	1.24	1.16	2.01	2.40	2.90	3.01	1972
1973	4.31	3.33	12.0	6.08	4.07	2.09	1.36	1.75	1.16	1.76	3.25	2.59	3.65	1973
1974	5.01	4.55	9.51	7.43	5.79	2.31	1.71	1.39	1.41	1.58	2.12	1.61	3.70	1974
1975	1.63	3.79	5.00	7.75	4.29	2.14	1.63	1.45	1.53	1.71	1.90	2.35	2.92	1975
1976	2.15	7.41	10.8	5.00	3.73	2.09	2.01	1.71	2.28	---	---	1.77	---	1976
1977	---	---	10.1	3.86	1.80	---	---	2.82	2.83	3.62	3.49	3.77	---	1977
1978	---	---	---	11.6	4.10	2.23	1.59	1.52	---	---	---	---	---	1978
MEAN	2.74	3.60	7.46	8.05	3.65	2.11	1.70	1.67	1.70	1.98	2.82	2.65	3.12	MEAN

LOCATION - LAT 44 06 38 N LONG 079 53 21 W DRAINAGE AREA, 334 km² NATURAL FLOW

DATA CONTRIBUTED BY - ONTARIO MINISTRY OF THE ENVIRONMENT

NOTTAWASAGA RIVER NEAR ALLISTON - STATION NO. 02ED101

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1967	---	---	---	---	1967
1968	---	---	---	---	1968
1969	---	32.8 ON MAR 21	---	---	1969
1970	31.1E AT 01:30 EST ON APR 09	28.3E ON APR 15	0.767B ON MAR 01	92 900	1970
1971	22.7E AT 19:00 EST ON APR 13	22.0E ON APR 13	0.765 ON AUG 08 *	79 100	1971
1972	32.8E AT 10:26 EST ON APR 19	31.4E ON APR 19	0.997 ON AUG 30	95 100	1972
1973	33.1 AT 11:12 EST ON MAR 08	27.9 ON MAR 08	0.963 ON SEP 08	115 000	1973
1974	42.5 AT 14:19 EST ON MAR 05 *	40.5 ON MAR 05 *	1.16 ON AUG 22	117 000	1974
1975	37.1 AT 17:11 EST ON APR 19	32.6 ON APR 19	1.19 ON AUG 03	92 100	1975
1976	33.1 AT 15:39 EST ON MAR 21	31.4 ON MAR 21	1.23 ON SEP 15	---	1976
1977	---	32.6 ON MAR 14	---	---	1977
1978	27.1 AT 06:53 EST ON APR 12	25.6 ON APR 12	---	---	1978
	B - ICE CONDITIONS E - ESTIMATED	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		98 500	MEAN

NOTTAWASAGA RIVER NEAR BAXTER - STATION NO. 02ED003

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1947	---	---	---	---	---	---	---	---	3.50	3.56	3.85	---	---	1947
1948	---	---	---	15.5	8.11	4.01	3.44	2.49	2.36	3.05	4.62	3.38	---	1948
1949	---	13.6	29.4	11.9	4.16	2.12	1.86	1.71	2.46	2.62	2.83	8.62	---	1949
1950	12.7	5.29	27.3	48.9	6.37	3.37	2.04	1.77	2.13	2.18	4.01	10.3	10.6	1950
1951	15.0	12.1	35.6	53.6	8.33	4.70	3.49	2.15	3.20	5.15	11.7	7.34	13.7	1951
1952	12.3	10.4	20.0	32.3	8.49	2.84	1.82	2.21	2.75	3.02	4.84	5.18	8.98	1952
1953	7.95	11.4	17.5	8.28	12.6	6.74	5.33	2.85	2.39	2.78	3.99	5.08	7.22	1953
1954	2.92	16.0	35.2	24.1	7.58	5.89	2.50	2.82	5.15	45.8	10.9	10.1	14.1	1954
1955	10.5	5.47	32.2	36.0	7.13	4.08	2.70	2.69	2.88	6.13	9.44	5.70	10.4	1955
1956	5.25	4.95	17.2	55.7	16.9	6.24	8.80	8.55	8.02	4.85	5.43	7.89	12.5	1956
1957	7.35	13.4	15.3	17.0	9.94	7.34	4.90	2.68	4.49	4.93	4.76	9.20	8.40	1957
1958	4.38	4.04	14.0	12.1	3.56	2.81	2.45	2.11	2.62	2.70	3.12	3.36	4.77	1958
1959	2.91	3.41	13.8	34.6	10.6	2.66	2.17	2.71	3.62	5.47	7.60	7.81	8.11	1959
1960	6.63	8.18	8.82	61.5	32.2	8.26	3.93	3.09	2.95	3.68	4.70	3.15	12.2	1960
1961	2.97	13.2	17.3	17.0	10.1	4.84	3.89	3.31	4.79	2.76	4.39	4.47	7.37	1961
1962	3.26	2.70	17.3	16.1	4.30	3.38	2.95	2.35	2.41	5.52	15.1	9.85	7.12	1962
1963	3.96	3.90	24.2	13.3	14.1	3.91	2.53	2.73	2.48	2.85	3.67	3.22	6.74	1963
1964	4.61	3.51	8.11	11.6	5.98	2.98	3.29	3.26	2.60	2.71	2.64	4.01	4.61	1964
1965	3.95	18.2	9.15	39.8	7.07	2.69	2.22	2.11	2.26	4.16	7.37	9.29	8.91	1965
1966	7.31	6.82	19.6	8.44	6.62	4.49	1.61	2.00	1.77	2.14	3.84	6.08	5.90	1966
1967	5.42	4.63	13.1	21.8	5.96	19.0	16.7	5.48	4.89	10.1	13.0	19.5	11.7	1967
1968	6.49	15.1	41.2	15.7	8.55	4.72	2.93	4.04	5.63	5.71	11.7	13.5	11.3	1968
1969	7.98	9.34	29.5	36.0	17.6	6.37	4.66	3.45	2.70	4.15	5.91	4.58	11.0	1969
1970	4.61	5.38	10.5	32.1	9.16	3.97	5.87	2.91	3.94	5.04	6.80	9.09	8.27	1970
1971	4.96	5.74	12.2	37.3	6.63	4.13	3.48	3.30	3.01	3.17	3.45	6.70	7.81	1971
1972	4.97	3.82	5.77	48.3	9.62	6.89	4.05	2.91	2.56	5.22	7.17	6.36	8.92	1972
1973	10.9	7.47	34.5	21.0	11.6	5.83	3.32	4.54	2.79	3.90	9.62	6.75	10.2	1973
1974	8.02	7.42	29.3	23.4	16.9	5.33	6.94	3.27	3.00	3.61	5.87	4.64	9.84	1974
1975	5.50	10.5	19.4	32.7	11.5	3.96	3.07	3.02	3.73	3.51	4.07	5.27	8.81	1975
1976	4.02	7.26	29.0	15.0	11.6	4.46	6.43	4.31	6.00	7.34	6.62	4.65	8.90	1976
1977	3.67	4.11	36.8	14.4	4.39	3.66	3.72	7.78	8.04	12.8	11.3	8.54	10.0	1977
1978	7.56	5.64	9.46	52.3	14.4	5.06	2.65	3.56	5.09	5.01	5.53	4.47	10.0	1978
1979	4.27	3.41	34.9	26.2	12.3	4.79	3.44	4.09	3.41	6.56	11.1	17.1	11.0	1979
1980	9.95	3.47	19.3	24.8	9.10	4.91	13.0	7.71	8.13	9.91	8.99	12.3	11.0	1980
1981	4.24	29.9	12.2	10.8	10.0	4.91	4.26	5.95	9.28	9.79	13.3	10.4	10.3	1981
1982	6.39	5.20	27.6	35.9	7.87	11.5	7.75	5.09	6.31	6.91	17.1	26.3	13.7	1982
1983	9.59	9.68	18.0	21.4	17.7	6.23	3.30	3.82	4.10	4.93	8.12	5.75	9.38	1983
1984	3.57	22.1	24.5	24.2	12.1	6.55	3.34	3.15	5.39	4.73	7.12	9.29	10.4	1984
1985	7.68	16.2	39.0	37.0	9.80	6.28	3.31	4.29	5.75	5.16	13.3	9.08	13.0	1985
1986	6.73	5.61	34.2	14.4	9.02	6.86	3.93	5.62	17.8	15.6	9.80	11.2	11.8	1986
1987	8.21	6.57	26.5	25.6	7.03	7.51	5.48	3.49	3.53	5.13	7.22	13.5	10.0	1987
1988	8.38	13.8	17.7	15.3	7.68	3.53	2.14	2.57	3.73	5.18	7.58	5.01	7.69	1988
1989	8.23	4.76	21.8	13.6	11.2	10.6	2.07	2.76	3.86	5.16	9.36	6.47	8.34	1989
1990	10.7	12.4	38.5	15.3	10.4	6.28	3.49	2.72	2.73	8.00	10.6	14.9	11.4	1990
MEAN	6.73	8.98	22.5	26.3	10.1	5.50	4.31	3.57	4.32	6.20	7.58	8.36	9.67	MEAN

LOCATION - LAT 44 14 59 N
LONG 079 49 20 W

DRAINAGE AREA, 1 180 km²
NATURAL FLOW

NOTTAWASAGA RIVER NEAR BAXTER - STATION NO. 02ED003

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1947	---	---	---	---	1947
1948	---	---	---	---	1948
1949	---	145 ON MAR 23	0.878 ON AUG 15 *	---	1949
1950	---	235 ON APR 04	1.16 ON AUG 13	335 000	1950
1951	---	267 ON APR 13 *	1.59 ON AUG 29	431 000	1951
1952	---	72.5 ON APR 01	1.30 ON AUG 22	284 000	1952
1953	---	63.1 ON MAR 04	1.73 ON AUG 03	228 000	1953
1954	---	254 ON OCT 16	1.70 ON JUL 21	445 000	1954
1955	---	118 ON MAR 11	2.01 ON AUG 04	329 000	1955
1956	---	166 ON APR 05	2.78 ON JUL 20	394 000	1956
1957	---	74.2B ON FEB 27	2.07 ON AUG 17	265 000	1957
1958	---	41.1 ON MAR 30	1.47 ON AUG 04	150 000	1958
1959	---	87.5 ON APR 02	1.61 ON JUL 17	256 000	1959
1960	---	175 ON APR 04	1.56 ON DEC 10	386 000	1960
1961	---	63.1 ON MAR 28	2.27 ON AUG 05	232 000	1961
1962	---	100 ON NOV 11	1.73 ON SEP 10	224 000	1962
1963	---	129 ON MAR 27	1.35 ON JUL 14	213 000	1963
1964	---	47.6 ON APR 08	2.24 ON JUL 25	146 000	1964
1965	---	114 ON APR 08	1.70 ON AUG 24	281 000	1965
1966	91.7B AT 12:10 EST ON JAN 01	45.3B ON JAN 01	1.04 ON JUL 21	186 000	1966
1967	73.9 AT 20:45 EST ON DEC 22	69.4 ON APR 01	2.52 ON JUN 06	368 000	1967
1968	129 AT 17:50 EST ON MAR 20	106 B ON MAR 19	1.77 ON AUG 16	357 000	1968
1969	107 AT 21:30 EST ON MAR 23	96.6 ON MAR 23	2.32 ON SEP 01	347 000	1969
1970	79.0 AT 03:21 EST ON APR 09	71.4 ON APR 09	2.41 A ON AUG 18	261 000	1970
1971	83.5 AT 17:04 EST ON APR 13	78.7 ON APR 13	2.20 ON AUG 21	246 000	1971
1972	172 AT 20:43 EST ON APR 14	152 ON APR 14	2.29 ON SEP 18	282 000	1972
1973	107 AT 10:31 EST ON MAR 08	98.8 ON MAR 08	2.29 ON JUL 24	322 000	1973
1974	142 AT 18:30 EST ON MAR 06	121 ON MAR 07	2.46 ON AUG 22	310 000	1974
1975	176 AT 03:03 EST ON APR 20	157 ON APR 20	2.02 ON AUG 20	278 000	1975
1976	143 AT 20:36 EST ON MAR 21	136 ON MAR 21	2.44 ON SEP 09	281 000	1976
1977	128 AT 19:06 EST ON MAR 11	121 ON MAR 14	2.11 ON JUL 28	315 000	1977
1978	117 AT 20:54 EST ON APR 07	98.8 ON APR 07	2.29 ON AUG 01	316 000	1978
1979	88.5 AT 14:02 EST ON APR 15	85.8 ON APR 15	2.47 ON JUL 23	348 000	1979
1980	114 AT 03:51 EST ON MAR 22	97.8 ON MAR 22	2.68 ON JUL 13	348 000	1980
1981	152 AT 21:30 EST ON FEB 21	112 ON FEB 21	2.71 ON JUL 16	324 000	1981
1982	164 AT 20:04 EST ON MAR 31	142 ON APR 01	3.11 ON AUG 19	431 000	1982
1983	52.6 AT 01:02 EST ON APR 11	46.0 ON APR 11	2.35 ON SEP 15	296 000	1983
1984	---	70.0B ON FEB 16	2.24 ON AUG 17	330 000	1984
1985	106 AT 18:20 EST ON MAR 29	100 ON MAR 29	1.78 ON AUG 10	411 000	1985
1986	127 B AT 17:22 EST ON MAR 19	88.7B ON MAR 19	2.33 E ON JUL 12	371 000	1986
1987	---	106 A ON APR 06	2.20 ON AUG 01	315 000	1987
1988	57.9 AT 22:24 EST ON MAR 26	52.0 ON MAR 27	1.52 ON JUL 20	243 000	1988
1989	111 AT 20:35 EST ON MAR 26	86.0 ON MAR 26	1.12 ON JUL 25	263 000	1989
1990	249 AT 06:22 EST ON MAR 13 *	243 ON MAR 13	1.99 ON AUG 10	358 000	1990
				305 000	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX)
B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

NOTTAWASAGA RIVER NEAR NICOLSTON - STATION NO. 02ED001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1914	---	---	---	---	---	---	---	---	3.64	4.97	7.14	5.79	---	1914
1915	5.53	8.51	22.4	18.3	6.20	3.12	4.38	7.50	6.62	6.88	6.93	6.44	8.57	1915
1916	19.2	12.4	20.4	41.0	12.9	9.80	3.16	1.92	2.15	4.05	5.35	5.27	11.4	1916
1917	4.67	5.02	28.1	17.7	7.73	5.58	12.2	2.91	2.74	---	---	---	---	1917
MEAN	9.80	8.64	23.6	25.7	8.94	6.17	6.58	4.11	3.78	5.30	6.47	5.83	9.99	MEAN

LOCATION - LAT 44 11 46 N LONG 079 48 06 W
DRAINAGE AREA, 1 080 km^2 REGULATED
DATA CONTRIBUTED BY - ONTARIO HYDRO

NOTTAWASAGA RIVER NEAR NICOLSTON - STATION NO. 02ED001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1914	---	---	---	---	1914
1915	---	66.8 ON MAR 25	1.84 ON JUL 01	270 000	1915
1916	---	145 ON MAR 30 *	1.36 ON AUG 14 *	361 000	1916
1917	---	114 ON MAR 26	---	---	1917
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		316 000	MEAN

O.A.C. FARM GAUGE NO. 2 NEAR MERLIN - STATION NO. 02GF001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1961	---	---	---	---	---	---	---	---	---	---	---	0.008	---	1961
1962	---	---	---	0.020	0.062	0.012	0.006	0	0.001	0.003	0.073	0.014	---	1962
1963	---	---	---	0.196	0.150	0.023	0	0	0	0	0	0	---	1963
1964	---	---	---	0.155	0.029	---	0	0.005	0.001	0	0	---	---	1964
1965	---	---	---	0.095	0.030	0.007	0.001	0	0	0.004	---	---	---	1965
1967	---	---	---	---	---	0.005	---	---	0	---	---	---	---	1967
1968	---	---	---	---	---	---	0.040	---	---	0	0.027	0.178	---	1968
1969	---	---	---	0.348	---	---	---	0.063	0.001	0.006	0.152	0.086	---	1969
1971	---	---	0.134	0.042	0.001	0.003	0	0	0	0	0	0.027	---	1971
1972	---	---	---	---	0.037	0.008	0.016	0.012	0	0	0.153	---	---	1972
1973	---	---	0.448	0.084	0.049	0.048	0.009	0.004	0	0.005	0.046	0.114	---	1973
1974	0.076	0.154	0.489	0.124	0.129	0.007	0.015	0	0	0	0.006	0.234	0.103	1974
1975	0.235	0.245	0.172	0.036	0.017	0.033	0.002	0.004	0.015	0.011	0.005	0.083	0.071	1975
1976	0.048	0.553	0.288	0.074	0.099	0.018	0.056	0.001	0	0	0	0	0.093	1976
1977	0	0.008	0.463	0.494	0.033	0.002	---	---	---	---	---	---	---	1977
MEAN	0.090	0.240	0.332	0.152	0.058	0.015	0.013	0.008	0.002	0.002	0.042	0.074	0.089	MEAN

LOCATION - LAT 42 12 35 N DRAINAGE AREA, 11.4 km²
LONG 082 10 50 W NATURAL FLOW

O.A.C. FARM GAUGE NO. 2 NEAR MERLIN - STATION NO. 02GF001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1961	---	---	---	---	1961
1962	---	---	---	---	1962
1963	---	---	---	---	1963
1964	---	---	---	---	1964
1965	---	---	---	---	1965
1967	---	---	---	---	1967
1968	---	---	---	---	1968
1969	---	---	---	---	1969
1971	---	---	---	---	1971
1972	---	---	---	---	1972
1973	4.16 AT 15:16 EST ON MAR 11	2.14 ON MAR 11	0 ON JAN 16 *	---	1973
1974	---	2.97E ON MAR 05	0B ON JAN 15	3 250	1974
1975	3.20 AT 06:04 EST ON FEB 24	2.32 ON FEB 24	0 ON JUL 07	2 230	1975
1976	11.6 AT 08:48 EST ON FEB 23 *	3.17 ON FEB 23 *	0 ON JUL 28	2 950	1976
1977	---	---	0 ON JAN 01	---	1977
				2 810	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

O.A.C. FARM GAUGE NO. 5 AT GUELPH - STATION NO. 02GA032

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1966	---	---	0.047	0.019	0.006	0.001	0	0	0	---	---	---	---	1966
1967	0.027	0.008	0.064	0.067	0.005	0.019	0.010	0	0	0.009	0.024	0.034	0.022	1967
1968	0.004	0.046	0.066	0.012	0.009	0.001	0.009	0.016	0.023	0.011	0.037	0.017	0.021	1968
1969	0.033	0.011	0.059	0.068	0.023	0.001	0	0	0	0	0.003	0.002	0.017	1969
1970	0.001	0.004	0.036	0.039	0.009	0	0.001	0	0.008	0.014	0.028	0.031	0.014	1970
1971	0.010	0.018	0.063	0.086	0.C03	0	0	0	0	0	0	0.001	0.015	1971
1972	0.005	0.002	0.038	0.108	0.005	0.001	0.001	0	0	0.009	0.020	0.026	0.018	1972
1973	0.031	0.019	0.141	0.024	0.018	0.003	0	0.001	0	0	0.010	0.010	0.022	1973
1974	0.049	0.009	0.054	0.051	0.065	0.002	0	0	0	0.001	0.013	0.004	0.021	1974
1975	0.015	0.037	---	---	---	---	---	---	---	---	---	---	---	1975
1976	---	---	0.286	0.054	0.019	0.007	0.009	0.013	0.036	0.011	0.006	0.002	---	1976
1977	0.002	0.004	0.094	0.039	0.006	0.007	0.021	0.031	0.046	0.052	0.031	0.048	0.032	1977
1978	0.014	0.007	0.077	0.110	0.041	0.007	0.005	0.007	0.011	0.009	0.015	0.012	0.027	1978
1979	0.021	0.007	0.109	0.082	0.029	0.014	0.010	0.020	0.023	0.011	0.050	0.069	0.037	1979
1980	0.021	0.004	0.045	0.038	0.021	0.017	0.016	0.006	0.015	0.013	0.006	0.019	0.019	1980
1981	0.003	0.063	0.014	0.016	0.009	0.010	0.011	0.017	0.036	0.040	0.018	0.009	0.020	1981
1982	0.015	0.003	0.125	0.061	0.020	0.030	0.015	0.040	0.042	0.014	0.064	0.107	0.045	1982
1983	0.022	0.039	0.034	0.052	0.059	0.014	0.006	0.019	0.020	0.016	0.018	0.028	0.027	1983
1984	0.003	0.112	0.070	0.025	0.021	0.026	0.009	0.021	0.029	0.009	0.029	0.038	0.032	1984
MEAN	0.016	0.023	0.079	0.053	0.021	0.009	0.007	0.011	0.016	0.013	0.022	0.027	0.024	MEAN

LOCATION - LAT 43 31 53 N DRAINAGE AREA, 2.51 km²
LONG 080 18 18 W NATURAL FLOW

REMARKS - STATION DISCONTINUED DEC 31 1984

O.A.C. FARM GAUGE NO. 5 AT GUELPH - STATION NO. 02GA032

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1966	---	---	---	---	1966
1967	---	---	---	---	1967
1968	1.08 AT 12:30 EST ON FEB 02	0.600 ON APR 03	0 ON MAY 25 *	705	1968
1969	0.963 AT 17:07 EST ON JAN 30	0.648 ON FEB 02	0 ON JAN 12	656	1969
		0.464 ON JAN 30	0 ON JUN 11	525	
1970	0.326 AT 01:09 EST ON DEC 04	0.198 ON DEC 04	0 ON JUN 06	452	1970
1971	1.01 AT 01:20 EST ON APR 02	0.566 ON APR 02	0 ON MAY 19	473	1971
1972	0.943 AT 08:40 EST ON APR 13	0.600 ON APR 13	0 ON JAN 17	562	1972
1973	1.18 AT 07:00 EST ON MAR 11	0.595 ON MAR 11	0 A ON JUN 19	679	1973
1974	2.07 AT 20:16 EST ON MAY 16	1.00 ON MAY 17	0 ON FEB 16	661	1974
1975	---	---	---	---	1975
1976	---	---	---	---	1976
1977	4.39 AT 18:20 EST ON AUG 16 *	1.67 ON MAR 19 *	0.001 ON DEC 09	1 000	1977
1978	2.61 AT 13:38 EST ON MAY 13	0.481 ON MAR 09	0.001E ON JAN 10	837	1978
1979	2.43 AT 21:56 EST ON AUG 23	0.583 ON APR 01	0.003 ON JUL 15	1 180	1979
		0.861 ON MAR 04	0.003 ON FEB 14		
1980	1.91 AT 15:26 EST ON MAY 19	0.430 ON MAR 21	0.002 ON FEB 03	589	1980
1981	3.27 AT 04:46 EST ON SEP 04	0.615 ON SEP 04	0.002 ON JAN 12	641	1981
1982	4.24 AT 20:31 EST ON DEC 05	1.01 ON MAR 31	0.001 ON FEB 01	1 410	1982
1983	1.38 AT 16:07 EST ON MAY 02	0.505 ON MAY 02	0.003 ON JUN 21	861	1983
1984	3.46 AT 03:25 EST ON FEB 14	1.25 ON FEB 14	0.003 ON JAN 01	1 020	1984
				766	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX) E - ESTIMATED * - EXTREME RECORDED FOR THE PERIOD OF RECORD

O.W.R.C. RESEARCH STATION NO. 1 NEAR STAYNER - STATION NO. 02ED006

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1964	---	---	---	---	---	---	---	---	---	---	---	0.004	---	1964
1965	0.003	---	---	---	---	0.003	0.003	0.002	0.002	0.003	0.004	0.004	---	1965
1966	---	---	0.011	0.007	---	0.006	0.004	0.004	0.004	0.005	0.006	0.005	---	1966
1967	0.006	0.006	0.008	0.009	0.007	0.009	0.010	0.010	---	---	---	---	---	1967
1968	0.008	---	---	---	---	---	0.006	---	---	0.007	---	---	---	1968
1969	---	---	---	0.017	---	---	---	---	---	---	---	---	---	1969
1970	0.009	---	---	---	---	---	---	---	---	0.007	---	---	---	1970
1971	---	0.007	0.007	---	0.009	0.008	0.006	0.006	0.006	0.007	---	---	---	1971
MEAN	0.007	0.007	0.009	0.011	0.008	0.007	0.006	0.006	0.004	0.006	0.005	0.004	---	MEAN

LOCATION - LAT 44 22 42 N
LONG 080 05 51 W NATURAL FLOW

O.W.R.C. RESEARCH STATION NO. 1 NEAR STAYNER - STATION NO. 02ED006

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1964	---	---	---	---	1964
1965	---	---	---	---	1965
1966	---	0.040 ON MAR 14	0.003A ON JAN 07 *	---	1966
1967	---	0.051 ON AUG 28 *	---	---	1967
1968	---	---	---	---	1968
1969	---	---	---	---	1969
1970	---	---	---	---	1970
1971	---	---	---	---	1971
				---	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX) * - EXTREME RECORDED FOR THE PERIOD OF RECORD

O.W.R.C. RESEARCH STATION NO. 2 NEAR STAYNER - STATION NO. 02ED008

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1966	---	---	---	0	0	0	0	0	0	0	0	---	---	1966
1967	---	---	0	0	0	0	0	0	0	0.001	0.001	0	---	1967
1968	---	---	---	0.001	0	0	0	0	0	0	0.001	0.001	---	1968
1969	---	0	0.001	0.002	0.001	0.001	0	0.001	0.001	0.001	---	---	---	1969
1970	---	---	---	---	0.001	0.001	0.001	0.001	0.001	0.001	---	---	---	1970
1971	---	---	---	0.003	0.001	0	0	0	0	0.001	0.001	---	---	1971
MEAN	---	0	0.001	0.001	0.001	0	0	0	0	0.001	0.001	0.001	---	MEAN

LOCATION - LAT 44 22 38 N
LONG 080 05 47 W NATURAL FLOW

O.W.R.C. RESEARCH STATION NO. 2 NEAR STAYNER - STATION NO. 02ED008

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1966	---	---	---	---	1966
1967	---	0.002 ON MAR 28	0A ON JAN 03 *	---	1967
1968	---	0.017 ON MAR 10 *	0A ON JAN 02	---	1968
1969	---	0.005 ON APR 05	0 ON JAN 14	---	1969
1970	---	---	---	---	1970
1971	---	0.009 ON APR 12	0 ON FEB 18	---	1971
				---	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX)

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

OAKVILLE CREEK AT MILTON - STATION NO. 02HB005

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1957	---	1.98	3.03	3.68	2.01	---	---	0.334	0.274	---	---	---	---	1957
1958	---	---	---	---	---	---	---	---	---	0.232	0.203	0.215	---	1958
1959	0.212	0.207	2.34	3.56	0.727	0.297	0.237	0.200	0.098	0.200	0.469	0.800	0.780	1959
1960	0.759	0.842	1.23	5.81	3.70	1.13	0.545	0.297	0.188	0.201	0.265	0.187	1.26	1960
1961	0.128	0.882	1.67	2.27	1.64	0.983	0.491	0.751	0.483	0.261	0.424	0.463	0.860	1961
1962	0.281	0.300	1.59	1.37	0.543	0.412	0.323	0.277	0.365	0.602	1.52	1.20	0.735	1962
1963	0.539	0.368	2.59	1.57	1.48	0.574	0.167	0.147	0.091	0.106	0.190	0.160	0.671	1963
1964	0.384	0.310	1.37	1.89	1.14	0.386	0.456	0.451	0.505	0.331	0.329	0.648	0.683	1964
1965	1.08	3.10	1.76	4.38	1.24	0.437	0.550	0.360	0.366	0.741	1.21	1.54	1.38	1965
1966	1.57	1.64	2.35	1.43	1.15	0.652	0.240	0.236	0.199	0.308	0.435	1.65	0.987	1966
1967	1.11	0.939	1.85	4.40	1.20	1.19	1.31	0.395	0.622	0.296	0.817	1.43	1.32	1967
1968	0.677	2.35	3.08	1.73	1.20	0.791	0.425	0.872	0.858	0.724	1.54	1.91	1.34	1968
1969	1.50	1.51	2.70	3.66	1.85	0.826	0.433	0.396	0.306	0.512	1.01	0.465	1.26	1969
1970	0.559	0.622	1.12	2.46	1.37	0.505	0.434	0.368	---	---	1.37	1.52	---	1970
1971	0.927	1.31	2.47	3.36	0.896	0.671	0.432	0.661	0.670	0.208	0.127	0.983	1.06	1971
1972	0.951	0.700	1.77	4.08	1.52	0.980	1.13	0.570	0.465	0.976	1.45	1.44	1.40	1972
1973	1.82	1.65	5.24	2.36	1.93	0.711	0.394	0.384	0.346	0.467	1.50	1.57	1.53	1973
1974	2.33	1.75	3.22	2.70	4.41	1.52	0.651	0.422	0.740	0.496	0.600	0.498	1.61	1974
1975	0.780	1.49	2.71	2.53	1.52	0.805	0.413	0.472	1.07	0.485	0.777	1.22	1.19	1975
1976	0.949	1.56	5.31	2.94	2.90	0.884	0.818	0.563	1.19	0.436	0.531	0.396	1.69	1976
1977	0.313	0.463	4.12	2.82	1.02	0.591	0.580	0.660	1.61	2.08	1.48	1.99	1.48	1977
1978	1.16	1.47	2.91	4.04	1.91	0.796	0.267	0.140	0.436	0.822	0.670	0.702	1.25	1978
1979	0.805	0.683	3.88	4.06	2.21	0.823	0.498	0.438	0.396	0.625	0.954	2.10	1.46	1979
1980	1.75	0.480	1.78	3.16	1.72	0.624	0.422	0.363	0.487	0.489	0.468	0.620	1.03	1980
1981	0.218	2.11	1.01	0.783	0.621	0.335	0.326	0.414	1.43	1.42	1.58	0.922	0.919	1981
1982	0.727	0.447	2.85	4.83	0.980	1.46	0.598	0.653	0.751	0.881	1.62	2.88	1.56	1982
1983	1.58	4.03	2.16	2.57	2.51	1.01	0.422	0.444	0.385	0.416	0.835	1.40	1.31	1983
1984	0.660	3.22	2.55	3.24	1.54	0.994	0.503	0.379	0.386	0.327	0.509	0.883	1.26	1984
1985	0.741	2.13	5.16	3.97	0.787	0.685	0.722	0.708	0.701	1.08	4.45	2.02	1.92	1985
1986	1.34	0.833	3.23	1.62	1.11	0.815	1.33	0.645	3.26	4.15	1.65	2.28	1.86	1986
1987	1.44	1.03	2.59	3.53	0.725	0.475	0.826	0.459	0.603	0.548	1.10	1.87	1.27	1987
1988	1.05	1.03	4.36	1.84	0.937	0.269	0.247	0.264	0.385	0.312	0.820	0.542	0.837	1988
1989	0.715	0.462	1.47	1.01	0.879	1.42	0.501	0.311	0.431	0.201	0.566	0.227	0.682	1989
1990	0.955	1.69	2.52	1.08	1.73	0.576	0.461	0.387	0.387	0.786	1.09	2.61	1.19	1990
MEAN	0.938	1.32	2.60	2.89	1.55	0.768	0.537	0.437	0.640	0.684	0.987	1.19	1.22	MEAN

LOCATION - LAT 43 30 19 N LONG 079 51 48 W

DRAINAGE AREA, 95.6 km^2

REGULATED

OAKVILLE CREEK AT MILTON - STATION NO. 02HB005

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1957	---	---	---	---	1957
1958	---	---	---	---	1958
1959	12.6 AT 06:00 EST ON APR 03	10.3 ON APR 03	0.014 ON AUG 29 *	24 600	1959
1960	25.0 AT 17:30 EST ON APR 03	15.1 ON APR 04	0.062 ON SEP 15	39 800	1960
1961	11.7 AT 02:00 EST ON FEB 26	4.81 ON FEB 26	0.062 ON FEB 08	27 100	1961
1962	19.3 AT 09:45 EST ON NOV 10	7.02 ON NOV 10	0.085 ON SEP 15	23 200	1962
1963	10.4 AT 16:00 EST ON MAR 21	9.17 ON MAR 27	0.023 ON SEP 18	21 100	1963
1964	9.15 AT 17:45 EST ON MAR 14	5.32 ON APR 30	0.127 ON JAN 01	21 600	1964
1965	19.2 AT 14:30 EST ON FEB 10	11.9 ON APR 12	0.201 ON OCT 06	43 600	1965
1966	9.63 AT 13:00 EST ON DEC 10	6.40 ON DEC 10	0.130 ON OCT 30	31 100	1966
1967	21.4 AT 02:30 EST ON APR 03	15.6 ON APR 03	0.153 ON DEC 05	41 600	1967
1968	21.4 AT 13:00 EST ON FEB 02	13.6 ON FEB 02	0.320 ON AUG 18	42 400	1968
1969	16.4 AT 13:30 EST ON APR 18	9.00 ON APR 18	0.229 ON OCT 12	39 700	1969
1970	7.87 AT 15:56 EST ON APR 02	4.13 ON APR 02	---	---	1970
1971	15.7 AT 20:30 EST ON MAR 15	7.39 ON MAR 15	0.102 ON NOV 07	33 500	1971
1972	18.1 AT 11:08 EST ON APR 13	12.9 ON APR 15	0.215 ON MAY 28	44 300	1972
1973	24.2 AT 13:32 EST ON MAR 14	13.0 ON MAR 14	0.201 ON OCT 25	48 300	1973
1974	44.5 AT 22:49 EST ON MAY 16 *	20.5 ON MAY 17	0.311 ON OCT 03	50 800	1974
1975	20.8 AT 20:43 EST ON FEB 24	10.3 ON FEB 24	0.235 ON OCT 16	37 400	1975
1976	20.6 AT 17:32 EST ON MAR 19	8.86 ON MAY 07	0.210 ON OCT 15	53 500	1976
1977	24.2 AT 03:32 EST ON MAR 13	15.0 ON MAR 13	0.292B ON FEB 09	46 800	1977
1978	---	11.0 E ON MAR 22	0.017 ON AUG 28	39 500	1978
1979	13.8 AT 03:05 EST ON APR 14	10.1 ON DEC 25	0.218 ON SEP 07	46 100	1979
1980	17.8 AT 18:58 EST ON APR 14	9.15 ON MAR 21	0.300B ON DEC 27	32 600	1980
1981	10.8 AT 16:25 EST ON AUG 30	5.63 ON FEB 20	0.180B ON JAN 05	29 000	1981
1982	17.9 AT 11:25 EST ON APR 03	12.6 ON APR 03	0.320B ON FEB 12	49 100	1982
1983	13.1 AT 05:55 EST ON APR 10	6.98 ON APR 10	0.243 ON OCT 30	41 300	1983
1984	20.0 AT 07:30 EST ON APR 05	12.3 ON FEB 14	0.224 ON OCT 04	39 700	1984
1985	31.3 AT 15:53 EST ON FEB 24	20.7 ON FEB 24 *	0.243 ON AUG 08	60 600	1985
1986	27.9 AT 11:43 EST ON SEP 29	15.4 ON SEP 30	0.368 ON SEP 09	58 800	1986
1987	19.7 AT 15:44 EST ON JUL 08	11.1 ON APR 05	0.306 ON NOV 07	39 900	1987
1988	13.3 AT 20:08 EST ON MAR 25	5.76 ON MAR 26	0.174 ON JUN 17	26 500	1988
1989	18.9 AT 06:04 EST ON JUN 22	5.43 ON MAR 25	0.082 ON OCT 13	21 500	1989
1990	21.9 AT 13:32 EST ON DEC 29	12.2 ON DEC 29	0.196 ON AUG 26	37 500	1990
				38 500	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

OGOKI RIVER ABOVE WHITECLAY LAKE - STATION NO. 04GB004

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1971	---	---	---	---	---	---	---	---	59.6	138	295	191	---	1971
1972	119	85.5	64.6	50.7	156	137	91.7	81.7	78.6	83.7	93.2	76.2	93.3	1972
1973	57.3	46.1	41.8	47.8	175	139	147	150	130	108	105	86.3	103	1973
1974	64.9	54.4	48.4	48.1	273	539	292	167	163	144	129	107	170	1974
1975	83.2	69.8	54.8	44.1	180	201	137	99.5	70.1	60.2	66.5	58.7	93.8	1975
1976	49.9	41.9	36.7	62.3	167	110	78.7	49.1	33.9	26.9	22.5	20.1	58.3	1976
1977	41.7	40.0	39.8	47.8	143	122	141	131	154	131	95.7	83.9	97.9	1977
1978	73.6	63.6	54.3	51.2	180	281	186	147	124	106	95.8	67.6	119	1978
1979	55.1	49.7	47.1	49.5	155	160	116	81.5	125	125	123	101	99.1	1979
1980	79.1	63.4	53.1	50.3	133	90.5	53.0	42.1	39.1	76.9	86.2	68.5	69.7	1980
1981	58.0	49.1	45.3	50.9	106	112	99.0	67.7	41.6	33.8	30.9	30.5	60.0	1981
1982	30.7	30.0	29.6	30.7	97.7	156	115	85.9	71.9	90.9	121	114	81.4	1982
1983	85.9	68.1	56.6	50.0	86.2	105	223	164	85.0	64.3	64.1	64.0	93.4	1983
1984	63.7	56.8	49.8	64.6	213	207	164	119	73.1	60.1	62.6	79.9	101	1984
1985	77.4	61.9	51.4	58.6	363	283	186	135	134	232	192	135	160	1985
1986	92.2	69.1	55.9	64.3	222	170	101	67.7	55.5	72.7	74.8	67.1	92.9	1986
1987	55.2	47.8	43.3	49.8	67.9	66.3	61.0	60.2	51.0	44.6	45.2	45.5	53.2	1987
1988	43.4	41.5	39.9	40.9	83.5	144	139	112	232	319	202	142	129	1988
1989	105	78.0	61.3	52.9	235	253	153	89.0	61.8	47.7	43.3	43.3	102	1989
1990	42.7	41.4	39.3	41.7	167	226	253	130	69.0	55.6	50.9	52.2	97.8	1990
MEAN	67.3	55.7	48.0	50.3	169	184	144	104	92.6	101	99.9	81.7	98.7	MEAN

LOCATION - LAT 50 52 00 N
LONG 088 55 50 W
DRAINAGE AREA, 11 200 km^2
NATURAL FLOW

OGOKI RIVER ABOVE WHITECLAY LAKE - STATION NO. 04GB004

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1971	---	---	---	---	1971
1972	200 AT 15:36 EST ON MAY 22	198 ON MAY 21	46.4 ON APR 23	2 950 000	1972
1973	208 AT 16:51 EST ON MAY 18	206 ON MAY 18	37.1 ON APR 13	3 260 000	1973
1974	614 AT 22:28 EST ON MAY 31 *	612 ON MAY 31 *	44.7E ON APR 16	5 350 000	1974
1975	238 AT 19:55 EST ON MAY 24	230 ON MAY 22	41.3 ON APR 15	2 960 000	1975
1976	182 AT 22:42 EST ON MAY 14	181 ON MAY 14	19.0E ON DEC 31 *	1 840 000	1976
1977	176 AT 09:40 EST ON SEP 21	175 ON SEP 21	39.1E ON MAR 01	3 090 000	1977
1978	317 AT 23:23 EST ON JUN 16	314 ON JUN 15	48.7E ON APR 14	3 770 000	1978
1979	209 AT 16:31 EST ON MAY 25	208 ON MAY 25	46.1 ON APR 11	3 130 000	1979
1980	156 AT 18:12 EST ON MAY 20	153 ON MAY 17	37.4 ON SEP 19	2 200 000	1980
1981	---	123 E ON JUL 06	30.2 ON NOV 26	1 890 000	1981
1982	197 AT 11:57 EST ON MAY 28	176 ON JUN 03	29.4 ON MAR 08	2 570 000	1982
1983	274 AT 17:16 EST ON JUL 18	265 ON JUL 17	48.2 ON APR 23	2 950 000	1983
1984	233 AT 10:40 EST ON MAY 11	233 ON MAY 13	45.5 ON APR 11	3 210 000	1984
1985	454 AT 18:41 EST ON MAY 23	451 ON MAY 23	44.8 ON APR 16	5 040 000	1985
1986	270 AT 11:35 EST ON MAY 20	269 ON MAY 20	51.7 ON MAR 29	2 930 000	1986
1987	75.4 AT 18:13 EST ON MAY 08	71.7 ON MAY 08	41.0 ON APR 05	1 680 000	1987
1988	373 AT 19:24 EST ON OCT 04	371 ON OCT 05	39.2 ON MAR 22	4 060 000	1988
1989	373 AT 19:11 EST ON MAY 25	362 ON MAY 26	42.8 ON DEC 28	3 220 000	1989
1990	280 AT 15:48 EST ON JUL 12	277 ON JUL 13	38.6 ON APR 10	3 080 000	1990
	E - ESTIMATED	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		3 110 000	MEAN

OGOKI RIVER AT WABOOSE FALLS DAM - STATION NO. 04GB001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1941	---	---	---	35.5	122	154	164	123	195	529	312	205	---	1941
1942	135	81.1	62.6	72.3	171	137	62.7	37.1	151	142	104	68.7	102	1942
1943	35.5	32.0	29.3	39.3	133	189	242	81.2	22.1	0	0	0	67.3	1943
1944	0	0	0	0	0	60.2	9.80	277	175	59.9	21.4	75.6	56.8	1944
1945	57.8	52.6	42.9	129	74.7	2.67	6.67	0	0	0	0	0	30.3	1945
1946	0	0	0	0	112	37.8	0	0	0	0	0	0	12.6	1946
1947	0	0	0	0	28.0	159	0	0	0	0	0	0	15.4	1947
1948	0	0	0	0	0	0	0	0	0	0	0	0	0	1948
1949	0	0	0	0	7.36	18.2	0	0	0	0	0	0	2.12	1949
1950	0	0	0	0	174	564	357	188	7.08	43.0	5.18	3.54	112	1950
1951	2.47	2.30	2.71	29.1	249	209	107	10.9	6.96	10.6	4.62	3.56	51.4	1951
1952	2.91	2.34	2.46	25.1	167	203	247	215	135	180	179	27.1	116	1952
1953	0	0	0	0	0	0	88.7	183	152	122	0	0	45.9	1953
1954	0	0	0	0	209	739	317	42.2	0	0	0	0	109	1954
1955	0	0	0	0	0	0	0	0	0	0	0	0	0	1955
1956	0	0	0	0	0.911	36.0	0	0	0	0	0	0	3.03	1956
1957	0	0	0	0	0	0	144	8.14	0	0	0	0	13.0	1957
1958	0	0	0	0	0	0	0	0	0	0	0	0	0	1958
1959	0	0	0	0	0	6.79	0.265	0	0	0	0	0	0.580	1959
1960	0	0	0	0	0	0	0	0	0	0	0	0	0	1960
1961	0	0	0	0	0	0	0	0	0	0	0	0	0	1961
1962	0	0	0	0	0	0	0	0	0	0	0	0	0	1962
1963	0	0	0	0	0	0	0	0	0	0	0	0	0	1963
1964	0	0	0	0	0	6.42	132	0	0	0	0	0	11.7	1964
1965	0	0	0	0	0	0	0	0	0	0	0	0	0	1965
1966	0	0	0	0	0	46.2	172	44.2	0	0	0	0	22.1	1966
1967	0	0	0	0	0	0	0	0	0	0	0	0	0	1967
1968	0	0	0	0	0	2.52	141	209	232	220	2.62	0	74.5	1968
1969	0	0	0	0	0	27.7	221	320	39.0	0	0	0	51.4	1969
1970	0	0	0	0	0	0	0	0	0	0	199	141	28.3	1970
1971	2.80	0	0	0	26.1	58.0	8.65	0	0	0	0	0	7.96	1971
1972	0	0	0	0	0	0	0	0	0	0	0	0	0	1972
1973	0	0	0	0	0	0	0	0	0	0	0	0	0	1973
1974	0	0	0	0	39.9	602	337	131	2.13	0	0	0	92.8	1974
1975	0	0	0	0	0	0	0	0	0	0	0	0	0	1975
1976	0	0	0	0	0	0	0	0	0	0	0	0	0	1976
1977	0	0	0	0	0	0	0	0	0	0	0	0	0	1977
1978	0	0	0	0	0	0	0	0	0	0	0	0	0	1978
1979	0	0	0	0	0	0	0	0	0	0	0	0	0	1979
1980	0	0	0	0	0	0	0	0	0	0	0	0	0	1980
1981	0	0	0	0	0	0	0	0	0	0	0	0	0	1981
1982	0	0	0	0	0	0	0	0	0	0	0	0	0	1982
1983	0	0	0	0	0	0	0	0	0	0	0	0	0	1983
1984	0	0	0	0	0	0	0	0	0	0	0	0	0	1984
1985	0	0	0	0	6.56	20.4	0	17.5	137	244	221	126	64.6	1985
1986	50.0	25.1	12.5	13.3	50.2	0	4.21	0	0	0	0	0	13.0	1986
1987	0	0	0	0	0	0	0	0	0	0	0	0	0	1987
1988	0	0	0	0	0	0	0	0	0	165	25.2	0	16.1	1988
1989	0	0	0	0	0	80.3	0	0	0	0	0	0	6.60	1989
1990	0	0	0	0	0	0	0	0	0	0	0	0	0	1990
MEAN	5.85	3.99	3.12	6.8	31.4	67.2	55.2	39.3	25.1	34.3	21.5	13.0	23.0	MEAN

LOCATION - LAT 50 45 20 N DRAINAGE AREA, 13 600 km²
LONG 087 59 40 W REGULATED SINCE 1943

OGOKI RIVER AT WABOOSE FALLS DAM - STATION NO. 04GB001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1941	---	595 ON OCT 11	---	---	1941
1942	---	190 ON MAY 22	0 ON JUL 24 *	3 220 000	1942
1943	---	264 ON JUL 13	0 ON MAY 30	2 120 000	1943
1944	---	396 ON AUG 10	0 ON JAN 01	1 800 000	1944
1945	---	233 ON APR 30	0 ON MAY 17	956 000	1945
1946	---	236 ON MAY 18	0 ON JAN 01	398 000	1946
1947	---	343 ON JUN 23	0 ON JAN 01	487 000	1947
1948	---	0 ON JAN 01	0 ON JAN 01	0	1948
1949	---	163 ON JUN 06	0 ON JAN 01	66 800	1949
1950	---	1 320 ON MAY 31 *	0 ON JAN 01	3 540 000	1950
1951	---	405 ON MAY 10	2.15 ON FEB 06	1 680 000	1951
1952	---	1 120 ON JUN 02	0 ON DEC 11	3 660 000	1952
1953	---	334 ON JUL 29	0 ON JAN 01	1 450 000	1953
1954	---	1 070 ON JUN 01	0 ON JAN 01	3 440 000	1954
1955	---	0 ON JAN 01	0 ON JAN 01	0	1955
1956	---	130 ON JUN 06	0 ON JAN 01	95 700	1956
1957	---	271 ON JUL 14	0 ON JAN 01	409 000	1957
1958	---	0 ON JAN 01	0 ON JAN 01	0	1958
1959	---	83.8 ON JUN 25	0 ON JAN 01	18 300	1959
1960	---	0 ON JAN 01	0 ON JAN 01	0	1960
1961	---	0 ON JAN 01	0 ON JAN 01	0	1961
1962	---	0 ON JAN 01	0 ON JAN 01	0	1962
1963	---	0 ON JAN 01	0 ON JAN 01	0	1963
1964	---	306 ON JUL 05	0 ON JAN 01	371 000	1964
1965	---	0 ON JAN 01	0 ON JAN 01	0	1965
1966	---	251 ON JUL 22	0 ON JAN 01	699 000	1966
1967	---	0 ON JAN 01	0 ON JAN 01	0	1967
1968	---	348 ON AUG 09	0 ON JAN 01	2 360 000	1968
1969	---	337 ON AUG 30	0 ON JAN 01	1 620 000	1969
1970	---	258 E ON NOV 24	0 ON JAN 01	894 000	1970
1971	---	71.1 ON JUN 06	0 ON JAN 19	251 000	1971
1972	---	0 ON JAN 01	0 ON JAN 01	0	1972
1973	---	0 ON JAN 01	0 ON JAN 01	0	1973
1974	---	665 ON JUN 11	0 ON JAN 01	2 920 000	1974
1975	---	0 ON JAN 01	0 ON JAN 01	0	1975
1976	---	0 ON JAN 01	0 ON JAN 01	0	1976
1977	---	0 ON JAN 01	0 ON JAN 01	0	1977
1978	---	0 ON JAN 01	0 ON JAN 01	0	1978
1979	---	0 ON JAN 01	0 ON JAN 01	0	1979
1980	---	0 ON JAN 01	0 ON JAN 01	0	1980
1981	---	0 ON JAN 01	0 ON JAN 01	0	1981
1982	---	0 ON JAN 01	0 ON JAN 01	0	1982
1983	---	0 ON JAN 01	0 ON JAN 01	0	1983
1984	---	0 ON JAN 01	0 ON JAN 01	0	1984
1985	---	295 ON OCT 18	0 ON JAN 01	2 040 000	1985
1986	---	125 ON MAY 20	0 ON MAY 29	408 000	1986
1987	---	0 ON JAN 01	0 ON JAN 01	0	1987
1988	---	276 ON OCT 13	0 ON JAN 01	508 000	1988
1989	---	182 ON JUN 10	0 ON JAN 01	208 000	1989
1990	---	---	---	0	1990
	E - ESTIMATED	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		727 000	MEAN

OGOKI RIVER DIVERSION TO LAKE NIPIGON - STATION NO. 02AD009

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1943	0	0	0	0	0	0	20.5	60.2	90.6	115	114	96.3	41.6	1943
1944	86.3	75.0	58.0	52.8	74.3	150	147	13.1	0	61.9	34.3	33.5	65.5	1944
1945	50.8	34.0	35.3	35.7	71.2	140	188	134	88.7	75.2	75.9	73.1	83.9	1945
1946	68.2	61.0	62.3	79.7	211	177	227	108	68.5	101	160	156	132	1946
1947	107	81.8	63.2	51.8	174	179	215	89.7	92.6	82.7	73.4	73.4	108	1947
1948	76.2	61.8	62.8	66.2	201	218	212	190	109	86.7	92.4	105	123	1948
1949	80.9	62.1	54.0	95.1	258	236	123	112	73.4	73.3	92.6	99.7	114	1949
1950	97.1	79.9	70.1	68.4	200	0	0	20.9	160	59.5	125	126	83.9	1950
1951	90.6	71.1	60.3	47.0	76.5	38.8	64.3	105	85.9	182	171	220	101	1951
1952	133	97.3	77.8	34.9	0.433	0	0	0	0	0	0	72.6	34.6	1952
1953	147	80.1	63.7	64.8	99.2	201	200	4.56	4.59	55.2	192	121	103	1953
1954	180	122	90.9	82.0	135	0	4.34	136	134	142	148	184	113	1954
1955	112	82.2	72.6	91.3	220	259	239	127	84.7	79.6	96.3	103	131	1955
1956	94.7	85.7	72.4	69.8	118	351	276	163	106	87.3	89.4	104	135	1956
1957	88.5	69.4	61.5	60.8	196	235	20.3	152	90.9	83.8	121	95.0	107	1957
1958	89.5	65.9	66.9	74.5	183	240	172	130	113	171	206	165	138	1958
1959	120	91.2	72.1	74.1	112	292	329	229	166	151	125	112	157	1959
1960	87.0	73.4	62.3	65.0	116	208	179	111	74.2	58.4	64.3	69.2	97.4	1960
1961	67.0	58.3	57.8	64.5	193	309	105	114	85.8	70.6	78.2	82.5	114	1961
1962	72.1	60.1	56.8	55.6	94.4	212	214	107	174	129	93.3	75.4	119	1962
1963	70.1	62.2	57.1	64.1	90.1	157	169	252	276	111	86.0	70.8	120	1963
1964	66.3	63.0	57.5	62.4	229	264	129	284	250	285	216	145	171	1964
1965	110	88.8	78.4	73.2	117	178	180	146	115	137	178	166	131	1965
1966	135	110	92.7	92.7	157	425	93.4	226	133	87.0	67.8	57.3	140	1966
1967	48.6	45.0	47.6	54.0	93.8	299	224	134	91.2	65.0	59.7	52.3	101	1967
1968	50.9	47.8	50.4	69.0	205	367	195	37.6	60.9	43.8	312	200	136	1968
1969	133	111	90.3	86.1	211	377	99.5	0	312	216	161	131	160	1969
1970	101	81.6	69.1	62.5	120	234	194	210	212	201	20.1	129	144	1970
1971	153	118	93.5	97.1	204	262	198	134	89.3	114	243	247	162	1971
1972	165	115	87.5	77.1	138	181	131	104	104	108	115	103	119	1972
1973	84.9	67.1	61.5	63.2	147	194	190	193	176	141	132	116	131	1973
1974	91.8	74.7	64.4	62.8	108	0	0	82.4	203	211	204	145	104	1974
1975	110	89.6	76.4	66.2	142	240	215	144	104	88.2	87.0	76.9	120	1975
1976	62.6	54.7	51.0	66.1	153	162	124	85.7	58.5	47.9	38.1	31.1	77.9	1976
1977	29.6	20.8	34.2	46.0	119	155	152	158	165	167	122	115	108	1977
1978	94.4	76.7	64.8	61.0	115	275	260	189	175	141	107	80.0	137	1978
1979	60.5	50.2	47.8	53.0	115	184	136	131	136	143	134	124	110	1979
1980	96.7	77.5	62.7	63.9	121	123	80.0	54.0	43.9	50.9	72.1	74.6	76.7	1980
1981	67.6	61.6	55.5	54.0	83.4	124	113	63.2	56.3	41.6	29.4	24.2	64.5	1981
1982	24.5	19.9	23.3	29.6	74.4	162	148	107	94.5	102	123	128	86.4	1982
1983	103	84.1	69.9	60.0	87.9	111	189	211	138	95.4	82.0	75.7	109	1983
1984	73.3	65.2	57.0	64.5	173	232	204	147	104	79.1	73.4	82.1	113	1984
1985	87.7	73.8	60.9	60.0	229	325	210	96.2	20.7	20.9	20.1	44.4	104	1985
1986	64.8	56.9	51.1	53.2	142	258	64.6	161	85.4	87.5	92.4	87.6R	102 R	1986
1987	68.5	55.3	46.4	50.7	73.4	80.9	78.7	79.7	71.2	51.3	40.3	38.3	61.1	1987
1988	36.5	33.8	36.2	39.1	62.3	120	156	141	150	139	223	183	110	1988
1989	134	101	77.1	64.9	145	236	147	117	94.6	76.6	62.3	51.9	109	1989
1990	38.2	---	---	---	---	249	277	198	107	69.5	45.8	52.1	---	1990
MEAN	87.2	70.7	61.2	62.5	136	198	154	127	112	106	110	104 R	111 R	MEAN

LOCATION - LAT 50 38 15 N
LONG 088 12 30 W

REGULATED SINCE 1943

R - REVISED SINCE JAN 01 1989

OGOKI RIVER DIVERSION TO LAKE NIPIGON - STATION NO. 02AD009

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1943	---	144 ON OCT 24	0 ON JAN 01 *	1 310 000	1943
1944	---	183 ON JUN 06	0 ON MAY 18	2 070 000	1944
1945	---	230 ON JUL 13	31.4 ON FEB 11	2 640 000	1945
1946	---	309 ON JUN 02	6.12 ON AUG 03	4 160 000	1946
1947	---	320 ON JUN 26	37.9 ON APR 16	3 390 000	1947
1948	---	234 ON JUN 04	39.6 ON OCT 08	3 900 000	1948
1949	---	326 ON JUN 08	41.6 ON JUN 07	3 580 000	1949
1950	---	326 ON MAY 26	0 ON MAY 31	2 650 000	1950
1951	---	343 ON JUN 02	0 ON APR 21	3 200 000	1951
1952	---	170 ON DEC 31	0 ON JUN 01	1 100 000	1952
1953	---	331 ON JUL 19	4.39 ON AUG 14	3 240 000	1953
1954	---	274 ON MAY 25	0 ON JUN 01	3 570 000	1954
1955	---	334 ON JUN 17	10.3 ON JUN 15	4 140 000	1955
1956	---	368 ON JUN 13	65.4 ON APR 30	4 270 000	1956
1957	---	273 ON JUN 01	0 ON JUN 30	3 360 000	1957
1958	---	257 ON JUN 07	61.4 ON APR 10	4 360 000	1958
1959	---	371 ON JUN 29	66.8 ON MAR 28	4 940 000	1959
1960	---	230 ON JUN 18	34.0 ON JUN 09	3 080 000	1960
1961	---	340 ON JUN 04	54.7 ON NOV 08	3 600 000	1961
1962	---	238 ON JUN 24	36.0 ON DEC 12	3 750 000	1962
1963	---	292 ON AUG 28	34.8 ON NOV 24	3 790 000	1963
1964	---	408 ON JUL 31	0 ON JUN 28	5 410 000	1964
1965	---	189 ON JUL 04	69.1 ON APR 06	4 130 000	1965
1966	---	450 ON JUN 14 *	0 ON JUL 09	4 400 000	1966
1967	---	348 ON JUN 15	44.2 ON FEB 16	3 200 000	1967
1968	---	402 ON JUL 09	0 ON JUL 26	4 310 000	1968
1969	---	450 ON SEP 04	0 ON JUL 10	5 050 000	1969
1970	---	379 ON DEC 17	0 ON JUL 15	4 530 000	1970
1971	---	286 ON NOV 27	76.2 ON SEP 27	5 120 000	1971
1972	---	202 E ON JAN 01	75.0 ON APR 19	3 760 000	1972
1973	---	208 ON JUN 04	55.2 ON APR 13	4 130 000	1973
1974	---	303 ON OCT 24	0 ON MAY 27	3 280 000	1974
1975	---	262 ON JUN 23	63.1 ON APR 09	3 790 000	1975
1976	---	183 ON MAY 24	27.8 ON NOV 07	2 460 000	1976
1977	---	181 ON OCT 05	28.3 ON FEB 09	3 410 000	1977
1978	---	314 ON JUN 25	57.8 ON APR 24	4 320 000	1978
1979	---	202 ON JUL 26	0 ON JUL 20	3 460 000	1979
1980	---	142 ON MAY 29	37.1 ON OCT 29	2 430 000	1980
1981	---	129 ON JUN 16	0 ON AUG 26	2 030 000	1981
1982	---	175 ON JUN 21	19.7 ON FEB 11	2 720 000	1982
1983	---	241 ON JUL 30	52.9 ON APR 17	3 450 000	1983
1984	---	238 ON JUN 19	48.0 ON NOV 06	3 580 000	1984
1985	---	362 ON MAY 30	18.7 ON DEC 11	3 290 000	1985
1986	---	386 ON MAY 23	0 ON JUL 01	3 220 000	1986
1987	---	83.7 ON JUN 14	31.6 ON NOV 07	1 930 000	1987
1988	---	263 ON NOV 04	34.3 ON FEB 20	3 490 000	1988
1989	---	375 ON JUN 17	48.0 ON DEC 30	3 440 000	1989
1990	---	284 ON JUL 09	35.2 ON FEB 07	---	1990
	E - ESTIMATED	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		3 500 000	MEAN

ONAPING RIVER NEAR LEVACK - STATION NO. 02CF010

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1976	2.22	2.06	5.22	41.5	29.6	10.3	2.77	1.65	2.58	3.45	2.96	2.76	8.90	1976
1977	2.30	2.35	9.70	37.1	11.1	3.53	2.30	1.90	5.93	15.7	27.8	12.9	11.0	1977
1978	5.42	4.10	4.10	14.0	40.9	8.02	3.95	4.07	9.40	22.6	7.78	5.08	10.9	1978
1979	3.94	3.02	10.2	54.4	69.8	19.1	12.9	5.80	5.44	12.5	21.8	15.2	19.6	1979
1980	8.19	4.14	4.31	37.9	31.6	8.36	3.92	3.01	4.17	9.37	7.18	4.03	10.5	1980
1981	2.89	4.08	6.09	44.5	10.9	6.46	6.99	2.12	2.91	6.97	7.47	5.24	9.02	1981
1982	4.08	3.15	4.38	25.5	27.9	5.44	3.05	1.64	7.01	17.9	16.9	16.1	11.1	1982
1983	9.99	5.22	7.71	29.2	39.1	28.7	3.93	1.92	1.90	10.3	9.59	8.22	13.0	1983
1984	5.47	5.30	5.03	27.8	13.9	15.9	11.0	4.69	4.91	8.96	17.4	12.6	11.0	1984
1985	7.21	4.59	6.01	43.8	29.5	7.78	5.33	3.92	2.09	4.39	9.83	8.27	11.1	1985
1986	5.86	3.28	4.80	29.8	15.0	8.34	8.43	11.2	6.62	9.95	7.85	6.16	9.79	1986
1987	4.48	3.57	5.29	16.7	8.53	7.46	3.29	1.35	0.830	2.16	3.78	6.18	5.30	1987
1988	4.31	3.43	3.78	54.4	29.5	8.34	2.96	4.79	4.45	16.7	31.3	12.8	14.7	1988
1989	7.17	4.35	3.75	21.2	26.3	23.7	6.15	2.84	1.76	1.62	3.09	2.24	8.67	1989
1990	3.43	2.85	9.84	18.1	45.1	19.8	12.3	3.68	1.62	5.01	11.5	12.1	12.2	1990
MEAN	5.13	3.70	6.01	33.1	28.6	12.2	5.95	3.64	4.11	9.84	12.4	8.66	11.1	MEAN

LOCATION - LAT 46 36 00 N LONG 081 22 51 W DRAINAGE AREA, 1 570 km^2 REGULATED

REMARKS - INCLUDES ONAPING LAKE BASIN. EXTREME HIGH WATER SPILLED INTO SPANISH RIVER SYSTEM.

ONAPING RIVER NEAR LEVACK - STATION NO. 02CF010

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1976	84.1 AT 11:36 EST ON APR 19	83.0 ON APR 19	1.04 ON SEP 08	281 000	1976
1977	57.2 AT 13:20 EST ON APR 22	56.6 ON APR 21	1.29 ON AUG 15	348 000	1977
1978	89.8 AT 02:40 EST ON MAY 15	85.8 ON MAY 15	1.07 ON AUG 22	342 000	1978
1979	141 AT 15:55 EST ON APR 27	137 ON APR 27	2.61 B ON FEB 21	617 000	1979
1980	65.4 AT 04:09 EST ON MAY 09	63.9 ON MAY 09	2.25 ON SEP 06	332 000	1980
1981	96.8 AT 05:35 EST ON APR 05	92.3 ON APR 05	1.51 ON AUG 29	284 000	1981
1982	78.4 AT 08:25 EST ON APR 26	73.6 ON APR 26	1.06 ON AUG 21	351 000	1982
1983	86.6 AT 08:02 EST ON APR 15	81.8 ON APR 15	1.08 ON SEP 15	410 000	1983
1984	50.9 AT 11:59 EST ON APR 17	50.6 ON APR 17	3.38 ON SEP 08	349 000	1984
1985	147 AT 00:38 EST ON APR 26 *	140 ON APR 25 *	1.59 ON SEP 19	349 000	1985
1986	71.7 AT 06:59 EST ON JUL 29	62.6 ON JUL 29	2.35 B ON MAR 09	309 000	1986
1987	21.9 AT 03:00 EST ON APR 16	21.8 ON APR 16	0.605 ON SEP 06 *	167 000	1987
1988	86.0 AT 19:10 EST ON APR 07	82.3 ON APR 08	2.15 ON AUG 01	464 000	1988
1989	62.3 AT 16:45 EST ON JUN 17	56.9 ON JUN 18	1.25 ON OCT 04	274 000	1989
1990	93.3 AT 12:03 EST ON MAY 18	86.8 ON MAY 18	1.40 ON SEP 11	384 000	1990
	B - ICE CONDITIONS	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		351 000	MEAN

OPICHUAN RIVER AT KELLOW LAKE - STATION NO. 04GD002

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1969	---	---	---	---	---	---	16.3	21.7	21.4	---	---	---	---	1969
1970	---	---	---	---	---	17.8	22.0	12.8	19.3	---	---	---	---	1970
1971	---	---	---	---	---	---	---	12.2	6.49	15.7	16.7	---	---	1971
1972	---	---	---	---	---	9.42	7.65	7.44	6.80	---	---	---	---	1972
1973	---	---	---	---	---	---	---	---	13.5	10.8	11.1	9.56	---	1973
1977	3.17	2.74	2.58	8.52	14.1	9.80	14.6	10.9	15.1	---	---	---	---	1977
MEAN	3.17	2.74	2.58	8.52	14.1	12.3	15.1	13.0	13.8	13.3	13.9	9.56	---	MEAN

LOCATION - LAT 51 09 40 N LONG 087 50 40 W DRAINAGE AREA, 1 170 km^2 NATURAL FLOW

OPICHUAN RIVER AT KELLOW LAKE - STATION NO. 04GD002

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1969	---	---	---	---	1969
1970	---	---	---	---	1970
1971	---	---	---	---	1971
1972	---	---	---	---	1972
1973	---	---	---	---	1973
1977	---	19.0 ON SEP 18 *	---	---	1977
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		---	MEAN

OSHAWA CREEK AT OSHAWA - STATION NO. 02HD008

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1959	---	---	---	---	1.30	0.586	0.482	0.466	0.577	0.814	0.881	0.820	---	1959
1960	0.609	1.40	2.37	5.16	4.22	1.14	0.840	0.640	0.567	0.645	0.766	0.641	1.58	1960
1961	0.580	2.47	1.54	1.30	1.17	1.06	0.875	0.811	0.514	0.465	0.627	0.743	1.00	1961
1962	0.579	0.360	2.39	0.867	0.570	0.496	0.449	0.346	0.474	0.463	0.654	0.557	0.687	1962
1963	0.520	0.496	2.16	0.893	0.842	0.496	0.536	0.473	0.531	0.400	0.653	0.457	0.707	1963
1964	0.834	0.583	1.42	0.897	0.584	0.497	0.969	0.953	0.433	0.499	0.523	0.755	0.748	1964
1965	0.603	2.38	2.37	4.10	1.65	0.856	0.613	0.477	0.455	0.966	1.58	1.43	1.45	1965
1966	0.890	1.01	2.60	1.14	0.795	0.622	0.352	0.434	0.422	0.429	0.913	1.12	0.894	1966
1967	0.922	0.491	2.06	2.19	1.04	0.861	1.06	0.839	0.665	0.997	1.42	1.47	1.17	1967
1968	1.00	1.96	3.36	1.22	1.17	0.806	0.501	0.621	0.726	0.578	0.925	0.838	1.14	1968
1969	1.65	0.882	2.01	2.33	1.48	0.969	0.648	0.696	0.480	0.584	0.845	0.784	1.11	1969
1970	0.538	0.463	2.02	2.04	0.922	0.551	0.647	0.574	0.589	0.697	0.837	0.944	0.904	1970
1971	0.602	1.19	1.92	3.50	0.819	1.74	1.22	0.788	0.692	0.614	0.662	1.02	1.23	1971
1972	1.05	0.800	1.92	6.71	1.54	0.973	0.766	0.862	0.750	1.03	1.34	1.64	1.61	1972
1973	1.03	1.63	4.71	2.26	1.42	0.892	0.654	0.653	0.587	0.723	0.979	0.718	1.40	1973
1974	1.54	0.932	2.36	2.12	1.67	0.965	1.24	0.553	0.637	0.671	0.806	0.731	1.19	1974
1975	0.940	2.90	2.35	2.02	0.970	0.762	0.632	0.578	0.719	0.619	0.734	0.776	1.15	1975
1976	0.860	1.98	3.57	1.60	1.59	1.01	0.957	0.775	0.685	0.699	0.634	0.541	1.24	1976
1977	0.433	0.556	2.99	1.33	0.636	0.607	0.625	0.772	0.971	1.06	1.57	2.39	1.17	1977
1978	1.38	0.667	2.30	4.01	1.57	0.746	0.677	0.654	0.665	0.986	0.873	0.655	1.26	1978
1979	---	---	---	---	---	---	---	---	---	---	---	---	---	1979
1980	1.18	0.568	4.79	2.20	0.782	0.710	0.791	0.549	0.609	0.776	0.806	1.12	1.25	1980
1981	0.702	3.47	1.02	0.913	0.940	0.662	0.652	0.709	1.10	1.14	1.15	0.801	1.09	1981
1982	0.848	0.541	3.60	2.50	0.681	1.12	0.598	0.598	0.638	0.690	1.12	1.16	1.18	1982
1983	1.08	1.43	1.35	1.78	1.49	0.708	0.540	0.613	0.615	0.778	0.961	1.03	1.03	1983
1984	0.381	3.22	2.44	2.20	1.24	0.696	0.634	0.681	0.850	0.692	0.993	0.977	1.24	1984
1985	0.589	2.76	3.08	2.13	0.984	0.734	0.688	0.654	0.631	0.718	1.55	0.923	1.28	1985
1986	0.926	0.802	3.02	1.38	0.888	0.800	0.718	1.79	2.57	1.61	1.18	1.78	1.46	1986
1987	0.871	0.647	2.69	1.99	0.797	0.822	0.691	0.629	0.701	0.768	1.02	1.37	1.09	1987
1988	1.16	1.05	2.46	1.50	0.840	0.643	0.817	0.514	0.585	0.737	1.06	0.799	1.01	1988
1989	1.20	0.881	1.76	1.08	1.18	0.877	0.493	0.548	0.677	0.765	1.47	0.693	0.968	1989
1990	1.36	1.83	3.87	1.58	0.917	0.641	0.650	0.532	0.542	0.830	0.733	1.73	1.27	1990
MEAN	0.929	1.34	2.53	2.16	1.18	0.808	0.710	0.670	0.698	0.756	0.976	1.01	1.15	MEAN

LOCATION - LAT 43 55 49 N DRAINAGE AREA, 95.8 km²
LONG 078 53 29 W NATURAL FLOW

REMARKS - RELOCATED 1964 AND 1979

OSHAWA CREEK AT OSHAWA - STATION NO. 02HD008

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1959	---	---	---	---	1959
1960	---	34.3 ON MAY 09	0.425B ON JAN 21	50 000	1960
1961	---	19.4 ON FEB 23	0.348 ON AUG 02	31 600	1961
1962	---	9.34 ON MAR 19	0.201 ON AUG 31 *	21 700	1962
1963	---	12.9 ON MAR 25	0.294 ON AUG 09	25 300	1963
1964	---	6.91 ON AUG 25	0.334 ON AUG 07	23 700	1964
1965	52.7 AT 19:30 EST ON APR 07	26.3 ON APR 07	0.357 ON JUL 31	45 600	1965
1966	64.6 AT 04:00 EST ON MAR 01	27.6 ON MAR 01	0.280 ON JUL 22	28 200	1966
1967	29.4 AT 20:00 EST ON MAR 26	8.07 ON APR 03	0.348B ON FEB 25	37 000	1967
1968	35.1 AT 17:30 EST ON FEB 02	21.5 ON FEB 02	0.436 ON JUL 20	36 100	1968
1969	35.1 AT 15:36 EST ON AUG 01	12.1 ON APR 18	0.411 ON SEP 29	35 100	1969
1970	10.9 AT 20:36 EST ON APR 02	4.81 ON MAR 23	0.425B ON FEB 15	28 500	1970
1971	83.3 AT 05:36 EST ON JUN 28	28.9 ON JUN 28	0.445 ON DEC 30	38 700	1971
1972	37.9 AT 09:22 EST ON APR 13	29.2 ON APR 13	0.475B ON DEC 04	50 900	1972
1973	32.8 AT 14:56 EST ON FEB 02	17.3 ON MAR 04	0.340B ON DEC 18	44 100	1973
1974	79.3 AT 03:30 EST ON MAR 05	28.3 ON MAR 05	0.334B ON NOV 29	37 500	1974
1975	82.7 AT 21:47 EST ON FEB 24	39.6 ON FEB 24	0.413 ON AUG 19	36 400	1975
1976	30.0 AT 19:26 EST ON MAR 20	18.1 ON MAR 21	0.395B ON DEC 13	39 200	1976
1977	---	14.1 E ON MAR 13	0.340B ON FEB 23	36 800	1977
1978	25.6 AT 04:54 EST ON APR 07	16.6 ON APR 07	0.395E ON SEP 26	39 900	1978
1979	---	1.61A ON NOV 23	---	---	1979
1980	145 E AT 20:16 EST ON MAR 21 *	59.9 E ON MAR 21 *	0.453 ON JUL 19	39 400	1980
1981	---	16.5 B ON FEB 20	0.491 ON JUL 16	34 300	1981
1982	44.5 AT 17:36 EST ON MAR 31	20.0 ON MAR 31	0.340E ON JUL 10	37 200	1982
1983	13.0 AT 01:07 EST ON JAN 11	9.10 ON FEB 03	0.470 ON JUL 27	32 400	1983
1984	---	42.0 B ON FEB 14	0.220B ON JAN 23	39 200	1984
1985	---	26.0 B ON FEB 24	0.535 ON JUL 27	40 200	1985
1986	55.6 AT 03:00 EST ON AUG 27	17.4 ON AUG 27	0.556 ON JUL 11	46 000	1986
1987	16.1 AT 18:49 EST ON MAR 08	9.17 ON APR 05	0.519 ON AUG 24	34 300	1987
1988	35.6 AT 14:19 EST ON JUL 26	9.81 ON MAR 24	0.405 ON AUG 21	32 100	1988
1989	22.5B AT 02:16 EST ON MAR 15	11.1 B ON MAR 15	0.430B ON JAN 21	30 500	1989
1990	104 AT 03:57 EST ON MAR 12	48.7 ON MAR 12	0.395B ON JAN 13	40 000	1990
				36 300	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX) B - ICE CONDITIONS E - ESTIMATED * - EXTREME RECORDED FOR THE PERIOD OF RECORD

OSWEGO CREEK AT CANBORO - STATION NO. 02HA024

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1988	---	---	---	---	---	---	---	---	---	0.252	1.12	0.317	---	1988
1989	0.407	0.235	1.32	1.15	1.10	0.435	0.018	0.009	0.064	0.080	0.836	0.062	0.476	1989
1990	3.03	3.21	1.81	1.01	1.04	0.027	0.009	0.013	0.017	0.310	0.499	5.01	1.33	1990
MEAN	1.72	1.72	1.57	1.08	1.07	0.231	0.014	0.011	0.041	0.214	0.818	1.80	0.903	MEAN

LOCATION - LAT 42 59 27 N LONG 079 40 42 W DRAINAGE AREA, 80.7 km²
NATURAL FLOW

REMARKS - STATION ACTIVATED SEP 1988

OSWEGO CREEK AT CANBORO - STATION NO. 02HA024

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1988	---	---	---	---	1988
1989	7.25 AT 19:30 EST ON APR 04	6.04 ON APR 04	0.006 ON AUG 19 *	15 000	1989
1990	35.7 AT 12:05 EST ON DEC 30 *	32.6 ON DEC 30 *	0.006 ON AUG 09	41 900	1990
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		28 500	MEAN

OTONABEE RIVER AT LAKEFIELD - STATION NO. 02HJ002

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1962	---	---	---	74.0	50.3	43.7	40.5	31.2	37.7	45.9	85.9	64.8	---	1962
1963	62.4	53.2	56.3	110	113	48.3	46.5	48.3	51.4	---	---	---	---	1963
1965	---	---	---	---	127	31.7	29.7	29.6	40.4	73.3	117	167	---	1965
1966	148	97.3	112	51.4	76.3	74.1	28.6	22.3	24.7	27.2	46.7	204	76.3	1966
1967	118	124	61.3	118	91.4	118	178	57.1	47.5	144	235	145	120	1967
1968	141	138	104	98.6	35.2	31.2	20.2	23.7	24.4	32.9	37.6	91.0	64.8	1968
1969	71.2	98.3	44.5	175	197	68.6	50.0	28.1	21.0	35.0	67.6	63.9	76.5	1969
1970	63.5	65.2	61.0	129	71.6	35.8	56.3	34.6	39.0	57.4	72.3	99.0	65.3	1970
1971	87.4	82.7	78.5	198	119	35.0	37.9	25.7	28.6	35.7	32.3	66.3	68.8	1971
1972	93.0	88.0	66.0	158	192	95.5	78.0	52.4	37.7	67.7	135	127	99.2	1972
1973	149	141	182	244	114	46.6	30.2	30.0	22.7	48.7	76.7	111	99.4	1973
1974	113	128	80.8	245	241	55.7	34.9	27.1	29.7	74.8	114	118	105	1974
1975	113	75.6	137	181	105	20.6	17.3	15.9	29.4	18.7	33.8	52.4	67.2	1975
1976	88.5	92.4	160	286	126	34.6	44.2	33.8	42.1	39.3	50.9	55.4	87.6	1976
1977	66.5	61.2	98.6	106	20.5	16.0	16.6	18.5	27.6	57.8	91.5	142	60.2	1977
1978	126	92.1	57.2	181	155	29.1	21.6	24.9	42.4	54.6	80.5	78.7	78.5	1978
1979	91.2	89.1	169	218	114	51.0	30.2	32.7	32.5	63.7	93.0	152	94.6	1979
1980	128	44.9	76.8	267	59.5	40.5	52.8	59.5	44.7	60.2	105	109	87.1	1980
1981	83.4	123	133	123	92.9	51.2	29.5	33.2	67.6	81.4	106	70.2	81.8	1981
1982	84.3	77.2	76.5	226	72.9	92.3	34.8	27.0	42.1	62.5	145	226	97.5	1982
1983	162	82.1	48.0	133	232	53.8	20.4	27.1	24.9	30.9	68.4	84.5	80.5	1983
1985	144	127	203	230	82.9	37.8	26.2	24.9	131	107	198	145	121	1985
MEAN	107	94.0	100	169	113	51.0	42.0	32.5	40.4	58.0	94.8	113	85.9	MEAN

LOCATION - LAT 44 25 13 N LONG 078 16 15 W DRAINAGE AREA, 7 360 km²
REGULATED

OTONABEE RIVER AT LAKEFIELD - STATION NO. 02HJ002

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1962	---	---	---	---	1962
1963	---	---	---	---	1963
1965	---	---	---	---	1965
1966	---	317 ON DEC 13	11.2 ON OCT 09	2 410 000	1966
1967	---	340 ON JUL 06	24.2 ON SEP 17	3 770 000	1967
1968	---	198E ON JAN 01	9.49 ON JUN 23	2 050 000	1968
1969	---	314 ON MAY 23	16.7 ON AUG 23	2 410 000	1969
1970	---	200 ON APR 25	11.9 ON AUG 29	2 060 000	1970
1971	360 AT 13:34 EST ON APR 24	357 ON APR 25	16.6 ON AUG 18	2 170 000	1971
1972	314 AT 09:30 EST ON APR 28	306 ON APR 27	31.1 ON SEP 07	3 140 000	1972
1973	388 AT 14:05 EST ON APR 09	374 ON APR 09	13.3 E ON JUL 19	3 130 000	1973
1974	---	326 ON MAY 19	10.8 ON SEP 10	3 310 000	1974
1975	266 AT 13:00 EST ON APR 28	264 ON APR 28	9.20E ON AUG 23 *	2 120 000	1975
1976	447 AT 11:57 EST ON APR 07 *	445 ON APR 07 *	15.0 E ON JUN 14	4 440 000	1976
1977	183E AT 20:00 EST ON APR 10	182E ON APR 09	11.9 E ON MAY 17	2 770 000	1977
1978	323 AT 19:00 EST ON MAY 20	317 ON MAY 20	13.5 ON AUG 02	1 900 000	1978
1979	360 AT 02:39 EST ON APR 07	359 ON APR 07	14.3 ON AUG 14	2 480 000	1979
1980	340 AT 10:16 EST ON APR 18	339 ON APR 18	15.5 ON MAY 28	2 980 000	1980
1981	313 AT 13:46 EST ON MAR 03	275 ON FEB 27	23.6 R ON JUN 20	2 750 000	1981
1982	341 AT 14:09 EST ON APR 21	324 ON APR 22	22.9 ON AUG 19	2 580 000	1982
1983	314 AT 14:11 EST ON MAY 17	306 ON MAY 13	13.3 E ON JUL 13	3 080 000	1983
1985	303 AT 14:01 EST ON APR 23	275 ON NOV 24	18.2 ON JUL 14	2 540 000	1985
	E - ESTIMATED	* - EXTREME RECORDED FOR THE PERIOD OF RECORD R - REVISED SINCE JAN 01 1989		3 820 000	MEAN
				2 710 000	

OTOSKWIN RIVER BELOW BADESDAWA LAKE - STATION NO. 04FA001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1966	---	---	---	---	---	---	---	---	---	47.0	51.8	43.5	---	1966
1967	27.5	19.7	17.5	26.3	172	258	93.4	73.6	29.3	21.4	26.5	24.2	65.9	1967
1968	20.8	17.9	15.7	40.9	243	323	250	197	160	154	166	70.1	142	1968
1969	38.8	27.2	21.5	71.9	207	303	268	178	248	307	135	78.6	158	1969
1970	47.3	31.5	23.6	23.9	178	198	196	178	200	185	157	80.6	126	1970
1971	49.6	33.2	25.2	93.2	307	121	92.3	155	51.5	93.1	177	88.5	100	1971
1972	52.4	34.1	25.4	32.6	281	131	134	116	113	196	105	56.0	107	1972
1973	35.7	26.7	23.0	46.3	167	93.1	134	122	117	108	85.0	49.7	84.4	1973
1974	33.0	24.9	20.2	22.6	293	517	148	146	237	129	82.7	62.2	143	1974
1975	39.3	25.7	18.3	23.6	241	169	94.9	174	100	53.4	58.5	38.6	86.8	1975
1976	27.7	21.7	18.2	73.5	157	76.6	36.0	20.1	18.8	25.9	21.7	15.6	42.8	1976
1977	11.8	9.83	8.86	42.2	139	107	155	117	142	99.4	57.0	36.8	77.6	1977
1978	28.5	21.8	17.1	17.3	216	236	130	144	140	81.9	67.2	38.8	95.2	1978
1979	23.5	18.8	17.4	41.2	259	139	127	147	253	193	229	92.0	129	1979
1980	47.1	32.3	25.2	42.6	131	63.6	40.0	20.7	78.7	118	67.3	32.7	58.3	1980
1981	19.5	15.2	14.1	20.4	130	119	65.5	24.7	16.6	22.5	37.2	25.4	42.7	1981
1982	18.4	16.0	15.8	18.6	316	232	101	78.4	73.9	111	81.6	41.3	92.5	1982
1983	24.9	17.0	14.7	19.3	61.8	66.3	173	53.0	25.5	30.6	38.2	32.0	46.5	1983
1984	26.8	20.2	14.6	68.4	161	152	72.1	39.0	27.8	44.3	57.8	50.1	61.2	1984
1985	31.5	23.6	19.7	70.4	439	231	198	131	145	214	106	49.9	139	1985
1986	27.3	19.1	17.1	69.8	220	90.4	79.4	44.0	28.4	78.7	55.2	29.6	63.6	1986
1987	17.5	13.5	14.5	75.6	133	121	53.8	77.7	85.8	49.4	37.2	27.6	59.0	1987
1988	17.6	13.4	10.7	17.3	64.4	85.2	79.6	44.5	58.4	89.9	61.6	44.8	49.0	1988
1989	32.6	24.2	17.8	15.2	139	141	105	47.6	69.4	45.7	32.7	25.5	58.1	1989
1990	20.8	18.2	16.1	25.5	171	217	122	36.1	26.9	50.4	46.6	38.0	66.0	1990
MEAN	29.9	21.9	18.0	41.6	201	175	123	98.5	102	104	81.6	46.9	87.6	MEAN

LOCATION - LAT 51 49 20 N
LONG 089 36 00 W
DRAINAGE AREA, 9 010 km²
REGULATED

OTOSKWIN RIVER BELOW BADESDAWA LAKE - STATION NO. 04FA001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1966	---	---	---	---	1966
1967	---	510E ON MAY 29	17.0 B ON MAR 07	2 080 000	1967
1968	---	408 ON JUN 17	15.0 B ON MAR 18	4 480 000	1968
1969	394 AT 14:00 EST ON JUN 08	391 ON JUN 11	19.1 B ON APR 07	4 970 000	1969
1970	326 AT 17:53 EST ON JUL 22	323 ON JUL 22	21.0 B ON APR 12	3 980 000	1970
1971	379 AT 13:15 EST ON MAY 12	374 ON MAY 12	23.7 B ON MAR 24	3 400 000	1971
1972	---	340E ON MAY 17	21.4 B ON APR 09	3 380 000	1972
1973	194 AT 23:38 EST ON MAY 12	192 ON MAY 11	21.4 B ON APR 13	2 660 000	1973
1974	612 AT 19:30 EST ON JUN 13 *	612 ON JUN 13 *	17.1 B ON APR 13	4 510 000	1974
1975	314 AT 12:33 EST ON MAY 12	306 ON MAY 12	15.0 B ON APR 15	2 740 000	1975
1976	189 AT 15:38 EST ON MAY 03	187 ON MAY 02	13.5 B ON DEC 31	1 350 000	1976
1977	244 AT 04:20 EST ON JUL 25	244 ON JUL 25	8.47B ON MAR 25 *	2 450 000	1977
1978	326 AT 17:35 EST ON MAY 17	320 ON MAY 17	14.3 B ON APR 14	3 000 000	1978
1979	338 AT 15:45 EST ON MAY 21	335 ON MAY 21	16.0 B ON MAR 17	4 060 000	1979
1980	165 AT 17:58 EST ON MAY 09	164 ON MAY 09	17.6 ON AUG 17	1 840 000	1980
1981	168 AT 17:42 EST ON MAY 17	167 ON MAY 17	13.6 B ON MAR 26	1 350 000	1981
1982	405 AT 18:07 EST ON MAY 21	402 ON MAY 21	15.1 B ON MAR 10	2 920 000	1982
1983	273 AT 13:39 EST ON JUL 11	255 ON JUL 11	14.0 B ON APR 09	1 470 000	1983
1984	183 AT 09:10 EST ON MAY 18	180 ON MAY 07	13.6 B ON MAR 25	1 930 000	1984
1985	---	580E ON MAY 06	18.5 B ON APR 05	4 400 000	1985
1986	---	271 ON MAY 08	16.6 B ON MAR 21	2 010 000	1986
1987	---	182E ON JUN 11	12.6 B ON MAR 12	1 860 000	1987
1988	111 AT 08:35 EST ON SEP 30	108 ON SEP 30	9.95B ON MAR 28	1 550 000	1988
1989	207 AT 15:35 EST ON MAY 30	205 ON MAY 30	12.9 B ON APR 17	1 830 000	1989
1990	282 AT 13:02 EST ON JUN 13	269 ON JUN 11	15.1 B ON MAR 31	2 080 000	1990
				2 760 000	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

OTTAWA RIVER AT BRITANNIA - STATION NO. 02KF005

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1960	---	---	---	---	---	---	1 790	1 090	714	744	817	800	---	1960
1961	754	682	706	1 150	1 420	1 030	880	775	772	885	792	946	901	1961
1962	928	988	846	1 570	1 920	903	560	474	494	537	582	534	860	1962
1963	534	591	647	1 510	1 180	877	608	481	608	575	650	911	764	1963
1964	896	871	1 000	1 480	1 470	1 130	805	562	494	574	608	694	881	1964
1965	773	781	827	1 200	2 150	998	634	771	1 220	2 020	1 480	1 350	1 190	1965
1966	1 330	1 140	1 420	2 020	1 790	1 470	774	895	727	869	1 230	2 560	1 150	1966
1967	1 450	1 410	957	2 590	2 640	2 000	1 260	729	675	1 110	1 860	1 370	1 500	1967
1968	1 240	1 090	1 180	2 120	1 000	908	981	746	759	720	737	1 746	1 020	1968
1969	826	898	958	1 790	2 360	1 480	943	859	660	748	1 500	1 240	1 190	1969
1970	995	897	948	1 410	2 270	1 780	1 650	1 150	774	847	924	959	1 220	1970
1971	911	883	1 000	1 860	2 310	1 030	524	599	461	482	588	787	952	1971
1972	1 040	1 050	1 170	1 690	3 130	1 530	1 290	1 170	1 130	1 080	1 480	1 260	1 420	1972
1973	1 170	1 240	1 860	2 750	2 500	1 760	1 290	837	734	974	1 070	1 190	1 450	1973
1974	1 080	1 050	1 430	2 230	3 720	2 430	1 340	758	662	837	1 320	1 310	1 520	1974
1975	1 210	1 180	1 240	1 570	2 990	1 410	706	468	475	635	703	1 070	1 050	1975
1976	1 010	972	1 360	3 160	2 510	1 270	931	707	605	725	761	953	1 250	1976
1977	923	881	1 480	2 310	1 580	728	737	516	528	752	1 000	1 360	1 070	1977
1978	1 230	1 250	1 060	1 680	2 160	1 110	688	529	485	909	925	938	1 080	1978
1979	1 050	1 050	1 460	2 750	3 700	1 670	1 010	876	813	1 300	1 670	1 910	1 610	1979
1980	1 500	1 240	1 330	2 420	2 200	982	944	894	753	1 400	1 470	1 250	1 370	1980
1981	1 040	1 450	2 050	2 880	1 790	1 590	922	598	1 040	1 130	1 310	1 070	1 400	1981
1982	965	977	1 080	1 730	1 570	968	679	424	436	621	1 090	1 580	1 010	1982
1983	1 630	1 420	1 590	1 860	3 010	2 110	744	553	427	648	989	1 170	1 340	1983
1984	1 170	1 340	1 420	2 590	1 970	1 780	1 340	814	705	708	1 320	1 450	1 380	1984
1985	1 450	1 330	1 580	2 280	2 890	1 040	933	1 050	534	641	846	1 090	1 310	1985
1986	1 050	1 180	1 060	2 270	1 800	1 320	745	716	684	1 080	1 250	1 080	1 180	1986
1987	1 070	1 030	1 060	2 050	771	602	465	418	310	355	647	990	812	1987
1988	1 140	1 210	971	2 340	2 010	807	458	621	802	1 390	1 990	1 480	1 270	1988
1989	1 360	1 420	1 040	1 790	2 150	2 020	819	483	400	327	777	1 090	1 140	1989
1990	1 140	1 260	1 480	1 960	1 920	1 050	976	537	463	1 220	1 470	1 970	1 290	1990
MEAN	1 100	1 090	1 210	2 030	2 130	1 330	917	713	659	866	1 090	1 200	1 190	MEAN

LOCATION - LAT 45 21 54 N DRAINAGE AREA, 90 900 km²
LONG 075 48 18 W REGULATED

REMARKS - DAILY WATER LEVELS AVAILABLE SINCE 1915

OTTAWA RIVER AT BRITANNIA - STATION NO. 02KF005

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1960	---	---	---	---	1960
1961	---	1 700R ON APR 29	597 ON SEP 13	28 400 000	1961
1962	---	2 920R ON MAY 09	405R ON SEP 23	27 100 000	1962
1963	---	1 830R ON APR 11	199R ON AUG 11	24 100 000	1963
1964	---	2 270R ON APR 26	450 ON SEP 19	27 900 000	1964
1965	---	2 500R ON MAY 09	544 ON AUG 01	37 400 000	1965
1966	---	3 510R ON APR 27	614R ON SEP 21	42 700 000	1966
1967	---	3 790 ON MAY 10	564R ON AUG 27	47 400 000	1967
1968	---	2 650R ON APR 08	606R ON SEP 02	32 200 000	1968
1969	---	2 720R ON MAY 15	561 ON SEP 07	37 500 000	1969
1970	---	2 680R ON MAY 05	612R ON SEP 27	38 500 000	1970
1971	---	3 540R ON MAY 06	343R ON SEP 06	30 000 000	1971
1972	---	4 000 ON MAY 07	841 ON OCT 01	44 900 000	1972
1973	---	3 370 ON APR 07	610 ON SEP 07	45 700 000	1973
1974	---	4 450R ON MAY 20	594R ON SEP 24	47 800 000	1974
1975	---	3 270R ON MAY 03	385 ON SEP 07	33 200 000	1975
1976	---	3 780 ON APR 07	506 ON SEP 01	39 400 000	1976
1977	---	3 020 ON APR 28	447 ON AUG 19	33 700 000	1977
1978	---	3 080R ON MAY 02	384 ON SEP 10	34 100 000	1978
1979	5 110 AT 18:00 EST ON MAY 01 *	5 060 ON MAY 04 *	628E ON AUG 01	50 700 000	1979
1980	3 390 AT 05:56 EST ON APR 11	3 290 ON APR 16	584 ON SEP 13	43 200 000	1980
1981	4 100 AT 15:45 EST ON APR 14	3 590 ON APR 14	418E ON AUG 29	44 200 000	1981
1982	2 930 AT 11:24 EST ON MAY 03	2 870 ON MAY 03	334 ON AUG 22	31 900 000	1982
1983	4 400 AT 06:25 EST ON MAY 12	4 350 ON MAY 12	377 ON SEP 24	42 400 000	1983
1984	3 190 AT 02:26 EST ON APR 21	3 120 ON APR 25	533 ON OCT 02	43 700 000	1984
1985	4 450 AT 15:46 EST ON APR 30	4 400 ON APR 30	480A ON SEP 26	41 400 000	1985
1986	2 760 AT 09:27 EST ON APR 07	2 710 ON APR 07	448 ON SEP 08	37 300 000	1986
1987	2 650 AT 00:56 EST ON APR 12	2 620 ON APR 11	245E ON SEP 17 *	25 600 000	1987
1988	2 820 AT 08:59 EST ON APR 18	2 740 ON APR 18	362 ON JUL 28	40 100 000	1988
1989	2 700 AT 05:17 EST ON JUN 17	2 660 ON JUN 17	259 ON OCT 09	35 900 000	1989
1990	2 910 AT 08:09 EST ON MAY 02	2 820 ON MAY 02	401 ON SEP 11	40 600 000	1990
				37 600 000	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX)
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD
R - REVISED SINCE JAN 01 1989

OTTAWA RIVER AT CHATS FALLS - STATION NO. 02KF009

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1915	---	---	---	854	1 380	1 360	988	842	639	734	699	699	---	1915
1916	730	787	728	2 290	3 800	2 400	1 210	760	536	466	821	999	1 290	1916
1917	744	710	778	1 740	2 820	2 810	1 860	1 260	885	760	777	707	1 320	1917
1918	603	553	588	1 520	1 990	1 700	1 300	857	847	1 220	1 810	1 300	1 190	1918
1919	1 040	904	948	2 150	3 750	2 870	1 130	737	814	1 210	1 460	1 380	1 530	1919
1920	1 020	798	874	1 780	2 040	1 320	1 050	789	583	463	526	572	985	1920
1921	591	478	929	2 140	5 680	1 240	780	645	491	493	605	727	986	1921
1922	776	689	795	1 110	3 540	1 500	1 050	784	697	614	609	617	1 230	1922
1923	540	520	538	1 090	3 100	1 500	1 290	868	854	728	701	792	1 090	1923
1924	716	718	834	1 710	2 840	2 070	1 100	813	748	789	809	783	1 160	1924
1925	706	721	1 090	2 100	2 050	2 080	1 470	985	712	697	899	832	1 190	1925
1926	764	708	705	907	2 610	2 310	1 640	1 030	707	673	965	989	1 170	1926
1927	828	844	1 240	1 730	2 000	2 160	1 430	1 110	910	1 020	1 210	1 350	1 320	1927
1928	1 070	979	866	2 700	4 660	2 960	2 190	1 460	1 510	2 470	1 480	2 080	1 600	1928
1929	1 260	952	1 160	2 850	3 820	2 280	1 410	991	747	760	1 030	756	1 500	1929
1930	748	715	693	1 260	2 190	2 170	2 290	1 100	843	847	667	625	1 180	1930
1931	574	577	553	1 250	1 500	1 210	805	797	553	554	629	876	819	1931
1932	867	874	795	1 720	1 870	1 160	861	885	1 560	2 010	2 740	1 470	1 400	1932
1933	1 100	813	801	2 670	3 140	1 800	980	715	449	411	476	478	1 150	1933
1934	454	428	455	1 630	3 680	1 820	1 130	583	577	789	636	779	1 090	1934
1935	632	638	858	1 510	1 690	1 150	1 230	781	613	579	764	602	922	1935
1936	613	601	933	1 940	3 920	1 380	937	599	553	727	927	649	1 230	1936
1937	925	966	1 110	1 630	2 810	1 360	768	677	616	730	1 460	1 100	1 180	1937
1938	795	783	1 310	3 360	2 880	1 460	768	672	658	712	962	607	1 220	1938
1939	583	583	613	1 080	3 260	2 380	1 200	772	588	648	764	619	1 090	1939
1940	526	491	516	937	1 840	2 500	1 370	689	775	615	808	801	994	1940
1941	712	735	764	2 280	1 950	972	941	753	836	1 300	1 730	1 210	1 180	1941
1942	925	893	1 020	2 380	2 150	1 650	730	595	529	469	509	575	1 030	1942
1943	622	670	785	1 300	3 460	2 260	1 130	669	805	693	821	736	1 170	1943
1944	684	581	662	823	1 700	965	655	532	541	604	608	651	751	1944
1945	617	534	990	1 890	1 830	2 120	745	535	550	655	722	648	986	1945
1946	785	794	1 190	1 640	1 250	1 450	685	572	559	590	693	773	915	1946
1947	828	842	788	2 310	4 170	4 420	1 790	829	604	592	538	607	1 530	1947
1948	568	567	706	1 880	1 680	1 180	728	583	507	501	553	634	840	1948
1949	679	742	817	2 380	2 200	1 270	1 170	550	555	560	562	629	1 010	1949
1950	688	727	665	1 330	1 970	1 140	807	603	616	583	803	908	904	1950
1951	817	871	1 100	3 900	2 330	965	1 060	686	712	1 280	1 990	1 480	1 430	1951
1952	1 180	1 070	1 120	2 230	2 110	1 420	733	718	722	722	680	893	1 130	1952
1953	961	1 040	1 540	2 790	1 400	824	638	544	456	511	520	600	983	1953
1954	656	654	1 020	2 050	1 570	1 720	1 120	781	804	1 740	1 640	1 400	1 270	1954
1955	1 180	1 050	1 020	2 640	1 400	824	607	459	436	653	1 400	1 060	1 060	1955
1956	866	785	788	1 560	2 120	1 680	1 130	990	1 250	1 400	1 040	1 000	1 220	1956
1957	905	920	1 030	1 250	1 330	1 040	2 170	805	925	1 080	1 460	1 460	1 200	1957
1958	1 240	1 190	1 270	1 790	971	895	892	641	701	889	1 220	1 090	1 060	1958
1959	919	872	797	1 730	1 990	1 070	671	576	747	904	1 510	1 440	1 100	1959
1960	1 190	1 180	1 100	2 640	4 670	1 570	1 980	1 220	765	778	864	855	1 570	1960
1961	807	701	723	1 250	1 560	1 130	943	813	839	959	849	1 020	967	1961
1962	1 030	1 090	908	1 590	2 080	987	568	455	470	516	558	510	903	1962
1963	513	567	649	1 600	1 300	972	627	468	586	546	631	917	781	1963
1964	921	887	1 010	1 450	1 450	1 170	803	525	445	528	545	654	866	1964
1965	756	773	805	1 170	2 070	966	597	756	1 230	1 910	1 480	1 350	1 160	1965
1966	1 340	1 180	1 410	2 070	1 770	1 490	782	937	775	901	1 280	2 580	1 370	1966
1967	1 460	1 420	1 010	2 650	2 750	2 060	1 270	770	708	1 130	1 840	1 360	1 530	1967
1968	1 260	1 120	1 170	2 130	1 000	930	984	752	754	690	711	725	1 020	1968
1969	815	874	935	1 770	2 360	1 480	967	876	654	745	1 510	1 250	1 190	1969
1970	1 010	910	971	1 390	2 300	1 800	1 680	1 150	778	857	929	979	1 230	1970
1971	930	911	1 040	1 910	2 430	1 030	514	541	414	415	501	676	942	1971
1972	851	863	976	1 530	3 240	1 500	1 240	1 130	1 070	1 030	1 380	1 190	1 340	1972
1973	1 100	1 160	1 770	2 810	2 510	1 690	1 220	794	718	940	1 030	1 130	1 410	1973
1974	1 030	1 000	1 370	2 260	3 910	2 400	1 300	725	619	778	1 230	1 190	1 490	1974
1975	1 100	1 090	1 130	1 480	1 880	1 310	632	461	402	499	575	731	940	1975
1976	900	865	1 260	2 130	2 410	1 130	839	630	534	630	653	821	1 150	1976
1977	794	757	1 300	2 200	1 420	662	666	506	511	672	898	1 210	967	1977
1978	1 100	1 130	946	1 490	1 980	973	615	491	453	812	810	827	968	1978
1979	937	928	1 290	2 700	3 710	1 470	897	793	729	1 180	1 290	1 720	1 470	1979
1980	1 350	1 130	1 240	2 400	2 120	936	869	836	727	1 340	1 400	1 180	1 300	1980
1981	993	1 380	1 980	2 800	1 710	1 520	882	603	1 000	1 080	1 240	1 010	1 350	1981
1982	925	940	1 020	1 660	1 490	918	656	447	462	618	1 030	1 520	973	1982
1983	1 540	1 340	1 490	1 750	2 920	2 000	699	548	442	630	938	1 080	1 260	1983
1984	1 110	1 270	1 320	2 470	1 860	1 690	1 280	770	676	682	1 280	1 380	1 310	1984
1985	1 400	1 270	1 470	2 240	2 780	955	920	983	619	622	803	1 030	1 260	1985
1986	996	1 110	984	2 200	1 690	1 220	688	677	643	1 010	1 160	987	1 110	1986
1987	1 010	946	974	1 900	686	558	466	431	334	387	623	920	767	1987
1988	1 080	1 140	897	2 270	1 900	734	466	623	757	1 340	1 880	1 370	1 200	1988
1989	1 280	1 320	947	1 640	2 030	1 880	748	514	434	342	722	995	1 070	1989
1990	1 060	1 160	1 360	1 800	1 760	947	884	520	465	1 150	1 350	1 810	1 190	1990
MEAN	902	876	990	1 950	2 330	1 560	1 030	742	688	831	1 010	991	1 160	MEAN

LOCATION - LAT 45 28 30 N
LONG 076 14 21 W

DRAINAGE AREA, 89 600 km²
REGULATED

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1915	---	1 630 ON MAY 21	---	---	1915
1916	---	4 080 ON MAY 07	396 ON OCT 06	40 700 000	1916
1917	---	3 140 ON MAY 31	651 ON DEC 29	41 700 000	1917
1918	---	2 400 ON MAY 10	473 ON MAR 17	37 600 000	1918
1919	---	4 790 ON MAY 27	651 ON AUG 21	40 400 000	1919
1920	---	2 250 ON MAY 01	396 ON OCT 24	31 100 000	1920
1921	---	3 310 ON MAY 07	371 ON SEP 29	31 100 000	1921
1922	---	5 070 ON APR 23	575 ON SEP 30	38 900 000	1922
1923	---	3 820 ON MAY 04	498 ON FEB 01	34 500 000	1923
1924	---	3 030 ON MAY 23	651 ON FEB 27	36 700 000	1924
1925	---	2 490 ON MAY 01	651 ON FEB 01	37 500 000	1925
1926	---	3 090 ON MAY 29	826 ON OCT 13	36 800 000	1926
1927	---	2 440 ON APR 29	796 ON JAN 26	41 700 000	1927
1928	---	5 750E ON MAY 13	827 ON MAR 03	45 800 000	1928
1929	---	4 470 ON MAY 08	826 ON OCT 15	47 400 000	1929
1930	---	2 970 ON JUL 06	549 ON DEC 27	37 300 000	1930
1931	---	2 010 ON APR 28	473 ON SEP 20	25 800 000	1931
1932	---	3 110 ON NOV 12	617 ON JAN 12	44 300 000	1932
1933	---	4 220 ON APR 23	244 ON NOV 19	36 400 000	1933
1934	---	4 420 ON MAY 11	258 ON MAR 18	34 200 000	1934
1935	---	2 310 ON MAY 05	445 ON DEC 22	29 100 000	1935
1936	---	4 560 ON MAY 14	456 ON AUG 30	39 000 000	1936
1937	---	3 430 ON MAY 08	490 ON SEP 11	37 200 000	1937
1938	---	4 160 ON APR 24	501 ON SEP 05	38 600 000	1938
1939	---	3 650 ON MAY 14	445 ON OCT 01	34 500 000	1939
1940	---	3 450 ON JUN 04	399 ON JAN 21	31 400 000	1940
1941	---	4 300 ON APR 25	578 ON AUG 10	39 500 000	1941
1942	---	3 530 ON APR 22	143 ON NOV 15 *	32 500 000	1942
1943	---	4 670 ON MAY 13	407 ON JAN 23	38 800 000	1943
1944	---	2 570 ON MAY 12	354 ON SEP 03	23 800 000	1944
1945	---	3 170 ON JUN 07	439 ON MAR 04	31 [illegible] 000	1945
1946	---	2 260 ON APR 02	411 ON OCT 06	28 [illegible] 000	1946
1947	---	4 840 ON JUN 21	396 ON OCT 26	40 200 000	1947
1948	---	2 560 ON APR 26	377 ON OCT 11	26 600 000	1948
1949	---	3 450 ON APR 29	382 ON AUG 07	31 800 000	1949
1950	---	2 550 ON MAY 18	388 ON SEP 24	28 500 000	1950
1951	---	5 550 ON APR 18	521 ON AUG 19	45 200 000	1951
1952	---	3 170 ON APR 26	433 ON AUG 03	35 800 000	1952
1953	---	3 790 ON APR 02	371 ON OCT 04	31 000 000	1953
1954	---	3 110 ON APR 20	521 ON FEB 14	39 900 000	1954
1955	---	3 820 ON APR 20	331 ON OCT 13	33 400 000	1955
1956	---	2 790 ON JUN 03	486 ON AUG 15	38 500 000	1956
1957	---	3 480 ON JUL 08	510 ON SEP 04	37 900 000	1957
1958	---	2 170 ON APR 25	335 ON AUG 17	33 600 000	1958
1959	---	2 490 ON MAY 05	490 ON JUL 18	34 800 000	1959
1960	---	5 800 ON MAY 18 *	609 ON OCT 21	49 600 000	1960
1961	---	1 890 ON APR 21	600 ON MAR 01	30 500 000	1961
1962	---	3 230 ON MAY 09	323 ON SEP 23	28 500 000	1962
1963	---	1 950 ON APR 10	351 ON AUG 04	24 600 000	1963
1964	---	2 210 ON APR 26	396 ON SEP 26	27 400 000	1964
1965	---	2 400 ON MAY 08	490 ON AUG 01	36 500 000	1965
1966	---	3 770 ON APR 27	586 ON SEP 18	43 300 000	1966
1967	---	4 110 ON MAY 09	580 ON AUG 27	48 300 000	1967
1968	---	2 750 ON APR 08	575 ON SEP 01	32 200 000	1968
1969	---	2 820 ON MAY 15	566 ON SEP 07	37 500 000	1969
1970	---	2 770 ON MAY 06	572 ON SEP 27	38 900 000	1970
1971	---	3 910 ON MAY 04	292 ON SEP 05	29 700 000	1971
1972	---	4 280 ON MAY 07	665 ON JAN 03	42 200 000	1972
1973	---	3 540 ON APR 08	580 ON SEP 06	44 500 000	1973
1974	---	4 810 ON MAY 20	555 ON SEP 22	46 900 000	1974
1975	---	3 280 ON MAY 02	326 ON SEP 06	29 600 000	1975
1976	---	3 820 ON APR 06	425 ON SEP 18	36 300 000	1976
1977	---	2 970 ON APR 28	439 ON AUG 18	30 500 000	1977
1978	---	3 030 ON MAY 02	357 ON SEP 10	30 500 000	1978
1979	---	5 410 ON MAY 01	588 ON AUG 01	46 500 000	1979
1980	---	3 270 ON APR 16	340 ON JUL 26	41 000 000	1980
1981	---	3 500 ON APR 14	437 ON AUG 22	42 500 000	1981
1982	---	2 840 ON MAY 03	351 ON AUG 23	30 700 000	1982
1983	---	4 260 ON MAY 11	382 ON SEP 20	40 400 000	1983
1984	---	2 980 ON APR 21	504 ON OCT 01	41 500 000	1984
1985	---	4 460 ON MAY 01	487 ON OCT 29	39 700 000	1985
1986	---	2 640 ON APR 06	441 ON SEP 04	35 100 000	1986
1987	---	2 600 ON APR 11	288 ON SEP 11	24 200 000	1987
1988	---	2 710 ON APR 18	370 ON JUL 27	38 000 000	1988
1989	---	2 610 ON JUN 16	298 ON OCT 03	33 700 000	1989
1990	---	2 740 ON MAY 02	390 ON SEP 11	37 500 000	1990
	E - ESTIMATED	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		36 700 000	MEAN

OTTAWA RIVER AT DES JOACHIMS - STATION NO. 02KA002

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1950	---	---	---	---	---	---	---	495	481	494	600	642	---	1950
1951	621	663	801	2 260	1 260	709	798	613	599	1 210	1 510	1 130	1 010	1951
1952	950	809	834	1 190	1 370	992	606	626	643	632	570	720	828	1952
1953	818	895	1 190	1 840	961	634	530	450	348	462	424	500	752	1953
1954	529	511	756	1 010	930	1 250	899	648	656	1 440	1 170	1 010	903	1954
1955	894	821	787	1 170	841	607	454	388	392	538	1 030	890	733	1955
1956	662	605	635	875	1 330	1 040	457	745	896	1 170	797	730	863	1956
1957	710	743	767	886	929	781	1 590	645	712	840	1 080	1 010	893	1957
1958	907	925	918	936	498	611	629	491	548	691	940	883	747	1958
1959	699	691	631	885	1 220	748	525	442	568	651	1 060	996	759	1959
1960	861	862	833	1 400	3 080	1 260	1 530	990	668	636	687	691	1 130	1960
1961	676	579	583	776	963	819	651	575	683	788	715	792	718	1961
1962	870	920	712	1 010	1 370	735	428	381	411	419	389	346	664	1962
1963	355	417	473	902	709	673	458	420	476	439	447	678	544	1963
1964	702	685	708	916	983	968	650	453	397	471	482	541	663	1964
1965	623	633	639	651	1 150	692	463	603	1 110	1 380	980	898	820	1965
1966	930	898	909	1 220	1 000	997	603	832	618	791	1 100	1 710	967	1966
1967	1 070	1 090	905	1 650	1 800	1 440	747	590	525	565	1 070	900	1 020	1967
1968	924	785	778	1 220	661	695	739	636	598	578	531	512	720	1968
1969	620	648	664	936	1 170	950	689	701	545	646	1 190	986	813	1969
1970	831	741	775	795	1 290	1 370	1 360	887	639	716	712	728	905	1970
1971	695	673	773	1 010	1 220	685	354	457	280	305	403	516	614	1971
1972	657	706	760	816	1 470	888	708	786	740	703	809	783	821	1972
1973	738	830	903	1 290	1 460	1 120	821	554	589	744	836	836	894	1973
1974	747	694	878	1 090	2 120	1 640	982	547	506	632	949	898	974	1974
1975	847	879	808	786	949	1 030	486	385	347	402	459	943	693	1975
1976	719	690	774	1 540	1 560	805	607	503	439	520	540	691	783	1976
1977	659	652	853	1 420	957	533	559	441	466	511	706	856	718	1977
1978	835	883	711	672	963	748	511	416	399	724	699	693	687	1978
1979	793	790	859	1 570	2 430	1 160	728	731	657	972	1 500	1 250	1 120	1979
1980	1 110	919	832	1 390	1 360	588	574	527	572	957	935	841	884	1980
1981	722	779	1 130	1 860	1 170	1 100	628	425	564	683	800	660	874	1981
1982	633	676	694	828	765	586	462	373	371	502	746	960	633	1982
1983	1 010	968	988	956	1 660	1 420	569	467	360	465	666	752	857	1983
1984	828	874	841	1 120	1 040	1 260	961	579	521	579	1 020	1 090	892	1984
1985	1 060	961	894	1 140	1 670	722	822	755	489	480	601	746	862	1985
1986	713	869	628	1 320	1 100	777	450	453	476	721	951	745	768	1986
1987	764	720	637	851	340	306	345	345	267	280	406	629R	489R	1987
1988	701	821	567	1 390	1 200	531	376	534	626	1 170	1 500	1 070	880	1988
1989	1 040	1 040	654	1 030	1 350	1 390	570	426	338	279	477	792	780	1989
1990	831	908	860	1 080	1 150	724	708	443	440	1 090	1 120	1 350	892	1990
MEAN	786	781	781	1 140	1 240	900	687	555	536	690	820	839R	814R	MEAN

LOCATION - LAT 46 11 00 N LONG 077 41 52 W DRAINAGE AREA, 57 500 km² REGULATED

R - REVISED SINCE JAN 01 1989

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1950	---	---	---	---	1950
1951	---	3 110 CN APR 16	217 CN SEP 09	32 000 000	1951
1952	---	2 390 CN APR 24	259 CN AUG 31	26 200 000	1952
1953	---	2 610 CN MAR 30	208 CN SEP 27	23 700 000	1953
1954	---	2 420 CN OCT 19	200 CN JAN 24	28 500 000	1954
1955	---	1 740 CN APR 20	91.5 CN OCT 09 *	23 100 000	1955
1956	---	1 980 CN MAY 19	188 CN DEC 25	27 300 000	1956
1957	---	2 920 CN JUN 30	225 CN SEP 01	28 200 000	1957
1958	---	1 090 CN APR 09	115 CN MAY 18	23 500 000	1958
1959	---	1 640 CN MAY 12	156 CN AUG 16	23 900 000	1959
1960	---	4 130 CN MAY 15	294 CN OCT 02	35 600 000	1960
1961	---	1 380 CN MAY 12	207 CN APR 30	22 600 000	1961
1962	---	2 410 CN MAY 05	207 CN JUN 24	20 900 000	1962
1963	---	1 090 CN APR 06	170 CN MAY 19	17 200 000	1963
1964	---	1 740 CN MAY 01	249 CN AUG 23	21 000 000	1964
1965	---	1 920 CN SEP 28	263 CN APR 11	25 900 000	1965
1966	---	2 450 CN DEC 10	331 CN SEP 18	30 500 000	1966
1967	---	2 830 CN MAY 06	320 CN SEP 16	32 100 000	1967
1968	---	1 680 CN APR 05	311 CN NOV 17	22 800 000	1968
1969	---	1 570 CN MAY 11	207 CN SEP 07	25 600 000	1969
1970	---	2 110 CN JUN 03	413 CN NOV 21	28 500 000	1970
1971	---	1 860 CN MAY 03	187 CN OCT 10	19 400 000	1971
1972	---	1 920 CN MAY 04	357 CN JUL 09	25 900 000	1972
1973	---	2 290 CN MAY 12	348 CN SEP 01	28 200 000	1973
1974	---	2 490 CN MAY 18	371 CN AUG 04	30 700 000	1974
1975	---	1 650 CN MAY 01	266 CN NOV 16	21 800 000	1975
1976	---	2 080 CN APR 26	279 CN OCT 11	24 800 000	1976
1977	---	1 990 CN APR 24	362 CN AUG 21	22 600 000	1977
1978	---	1 560 CN APR 30	187 CN SEP 10	21 700 000	1978
1979	---	4 800 CN MAY 08 *	388 CN JUL 26	35 400 000	1979
1980	---	2 080 CN MAY 04	309 CN JUN 08	28 000 000	1980
1981	---	2 430 CN APR 13	211 CN JUL 19	27 600 000	1981
1982	---	1 640 CN APR 28	271 CN OCT 09	20 000 000	1982
1983	---	2 710 CN JUN 02	260 CN SEP 18	27 000 000	1983
1984	---	1 910 CN MAY 28	306 CN SEP 23	28 200 000	1984
1985	---	2 380 CN MAY 04	221 CN JUL 18	27 200 000	1985
1986	---	1 560 CN APR 03	289 CN JUL 20	24 200 000	1986
1987	---	1 250 CN APR 14	179 CN JUN 26	15 400 000	1987
1988	---	1 850 CN NOV 21	257 CN JUL 03	27 800 000	1988
1989	---	2 310 CN JUN 14	191 CN OCT 01	24 600 000	1989
1990	---	2 150 CN NOV 30	305 CN AUG 12	28 100 000	1990
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		25 700 000	MEAN

OTTAWA RIVER AT LA CAVE RAPIDS - STATION NO. 02JE012

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1952	---	783	791	874	1 170	884	545	621	586	594	544	618	---	1952
1953	791	930	1 010	1 670	795	565	494	433	338	429	383	427	678	1953
1954	467	472	635	717	732	1 020	798	561	613	1 280	1 050	923	775	1954
1955	846	802	705	819	706	519	384	378	370	496	913	852	648	1955
1956	590	595	550	714	1 070	598	747	670	751	1 090	693	634	751	1956
1957	655	689	715	709	755	579	1 330	575	595	716	928	907	764	1957
1958	835	891	858	719	423	506	489	446	524	617	878	831	664	1958
1959	650	658	577	627	1 080	657	472	371	464	561	903	868	656	1959
1960	803	805	770	970	2 800	1 140	1 370	890	635	592	605	641	1 000	1960
1961	643	545	555	565	793	704	527	474	582	710	652	684	620	1961
1962	810	877	651	755	1 150	636	370	363	398	390	355	302	586	1962
1963	324	389	395	589	583	557	399	379	420	410	370	522	453	1963
1964	659	650	607	720	903	895	602	420	373	445	458	498	602	1964
1965	587	598	559	503	854	602	404	488	1 000	1 240	831	754	702	1965
1966	817	817	753	916	784	852	538	764	584	744	974	1 530	839	1966
1967	962	1 010	719	1 340	1 680	1 310	641	528	483	442	836	760	890	1967
1968	837	709	659	831	549	591	630	572	526	535	480	456	614	1968
1969	563	588	590	638	860	763	590	616	483	560	975	847	673	1969
1970	746	671	660	551	975	1 170	1 100	741	516	577	588	625	744	1970
1971	617	600	637	701	885	554	307	414	336	374	359	441	502	1971
1972	585	634	644	574	954	650	531	579	601	561	624	663	634	1972
1973	633	741	735	834	1 230	833	625	415	510	696	725	702	719	1973
1974	649	601	729	699	1 750	1 470	838	459	447	545	740	773	809	1974
1975	740	792	643	586	689	897	416	344	314	334	399	628	563	1975
1976	660	623	618	1 180	1 340	673	503	453	418	483	502	656	676	1976
1977	642	621	684	1 180	827	464	496	387	391	414	599	757	620	1977
1978	759	843	595	482	669	639	461	369	346	624	618	615	582	1978
1979	726	735	681	1 130	2 050	1 060	648	653	566	833	1 110	1 090	941	1979
1980	1 010	836	664	968	1 150	443	445	419	414	676	765	734	710	1980
1981	661	658	851	1 410	907	894	538	395	475	551	724	616	722	1981
1982	618	669	586	551	529	481	397	336	307	422	619	747	521	1982
1983	862	871	804	676	1 240	1 220	482	424	327	397	557	679	711	1983
1984	806	797	684	761	789	1 050	807	505	459	502	844	946	745	1984
1985	959	890	713	752	1 360	602	672	662	440	446	536	698	727	1985
1986	703	835	504	966	911	653	433	405	456	665	881	714	675	1986
1987	725	684	487	637	243	227	316	323	329	356	345	567	418	1987
1988	749	780	464	1 050	1 030	484	354	490	587	1 060	1 300	974	775	1988
1989	987	1 000	538	806	1 050	1 200	523	399	329	265	399	734	684	1989
1990	780	800	655	800	908	601	645	414	418	943	937	1 130	753	1990
MEAN	722	727	658	820	1 000	768	586	490	474	598	692	734	688	MEAN

LOCATION - LAT 46 22 40 N DRAINAGE AREA, 47 900 km²
LONG 078 43 24 W REGULATED

OTTAWA RIVER AT LA CAVE RAPIDS - STATION NO. 02JE012

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1952	---	1 710 ON MAY 21	---	---	1952
1953	---	2 120 ON APR 14	0 ON AUG 23 *	21 400 000	1953
1954	---	2 030 ON OCT 19	22.1 ON JAN 31	24 400 000	1954
1955	---	1 210 ON NOV 05	0 ON JUN 19	20 400 000	1955
1956	---	1 750 ON JUN 01	19.9 ON MAR 04	23 700 000	1956
1957	---	2 240 ON JUL 05	0 ON JUN 23	24 100 000	1957
1958	---	1 080 ON FEB 20	0 ON MAY 11	20 900 000	1958
1959	---	1 480 ON MAY 14	0 ON MAR 08	20 700 000	1959
1960	---	3 650 ON MAY 15 *	111 ON OCT 23	31 700 000	1960
1961	---	1 080 ON MAY 19	0 ON FEB 19	19 600 000	1961
1962	---	1 810 ON MAY 07	0 ON MAR 18	18 500 000	1962
1963	---	923 ON APR 23	0 ON MAY 19	14 300 000	1963
1964	---	1 450 ON MAY 01	36.8 ON AUG 30	19 000 000	1964
1965	---	1 900 ON SEP 30	85.0 ON JUN 20	22 100 000	1965
1966	---	2 140 ON DEC 10	229 ON SEP 18	24 500 000	1966
1967	---	2 560 ON MAY 06	79.3 ON SEP 17	28 100 000	1967
1968	---	1 020 ON APR 03	235 ON JUN 02	19 400 000	1968
1969	---	1 380 ON NOV 21	198 ON SEP 07	21 200 000	1969
1970	---	1 770 ON JUN 04	306 ON FEB 22	23 500 000	1970
1971	---	1 270 ON MAY 03	167 ON SEP 07	15 800 000	1971
1972	---	1 030 ON MAY 10	255 ON JUL 08	20 000 000	1972
1973	---	2 020 ON MAY 12	280 ON AUG 06	22 700 000	1973
1974	---	2 200 ON MAY 28	311 ON APR 06	25 500 000	1974
1975	---	1 270 ON JUN 06	258 ON SEP 19	17 800 000	1975
1976	---	1 870 ON APR 26	320 ON AUG 29	21 400 000	1976
1977	---	1 770 ON APR 28	280 ON JUL 31	19 500 000	1977
1978	---	1 010 ON APR 27	223 ON SEP 10	18 400 000	1978
1979	---	2 760 ON MAY 05	343 ON JUL 25	29 700 000	1979
1980	---	1 760 ON MAY 05	210 ON JUN 15	22 500 000	1980
1981	---	1 980 ON APR 18	155 ON JUL 19	22 800 000	1981
1982	---	976 ON MAY 03	207 ON MAY 22	16 400 000	1982
1983	---	2 220 ON JUN 01	290 ON SEP 26	25 400 000	1983
1984	---	1 560 ON MAY 28	289 ON MAY 12	23 600 000	1984
1985	---	1 800 ON MAY 05	376 ON SEP 08	22 900 000	1985
1986	---	1 140 ON APR 22	310 ON AUG 20	21 300 000	1986
1987	---	1 000 ON APR 15	171 ON MAY 20	13 200 000	1987
1988	---	1 500 ON NOV 19	248 ON AUG 14	24 500 000	1988
1989	---	1 890 ON JUN 13	203 ON OCT 01	21 600 000	1989
1990	---	1 410 ON NOV 29	287 ON AUG 12	23 700 000	1990
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		21 700 000	MEAN

OTTAWA RIVER NEAR TIMISKAMING - STATION NO. 02JE003

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1911	---	---	---	282	1 840	1 390	626	391	296	240	409	515	---	1911
1912	434	313	289	373	1 570	1 610	887	531	356	440	506	429	646	1912
1913	468	515	387	457	1 710	912	531	473	392	348	655	883	645	1913
1914	566	544	459	385	1 010	859	512	276	199	131	139	189	438	1914
1915	204	184	126	232	805	903	636	463	370	416	436	473	439	1915
1916	446	422	430	999	2 170	1 230	680	439	307	269	434	410	687	1916
1917	434	491	445	477	1 710	1 780	1 210	772	634	505	473	482	786	1917
1918	433	383	288	504	1 230	1 110	768	570	510	820	1 180	738	713	1918
1919	598	658	466	1 040	2 160	1 490	610	473	515	843	903	876	887	1919
1920	694	597	476	878	1 190	748	615	454	373	277	265	294	572	1920
1921	268	269	263	853	1 650	682	517	438	319	329	338	397	529	1921
1922	453	478	461	1 510	2 270	892	638	492	420	374	319	309	719	1922
1923	325	347	316	371	1 100	1 100	739	560	481	488	409	340	549	1923
1924	375	381	517	577	1 150	1 280	657	517	480	489	489	472	615	1924
1925	438	477	548	840	1 020	1 290	948	628	505	450	307	433	664	1925
1926	467	491	505	340	1 130	1 320	989	645	481	391	339	420	627	1926
1927	563	638	740	849	1 050	1 130	700	561	615	663	656	665	736	1927
1928	600	611	509	1 000	2 890	1 920	1 420	858	1 050	1 700	1 450	916	1 250	1928
1929	693	525	537	881	1 800	1 360	950	703	537	671	727	546	829	1929
1930	521	458	366	525	1 230	1 540	1 590	734	621	523	514	494	762	1930
1931	456	423	385	613	748	726	536	632	377	367	469	701	537	1931
1932	503	527	573	737	996	776	645	733	1 070	1 630	1 810	892	908	1932
1933	645	539	561	1 060	1 870	1 140	648	520	325	320	366	355	696	1933
1934	339	330	319	630	2 090	1 140	711	465	511	679	424	442	677	1934
1935	439	514	593	667	706	641	603	547	486	462	492	401	546	1935
1936	463	480	487	703	2 170	1 300	571	461	468	519	582	440	723	1936
1937	518	683	792	733	1 360	757	574	572	568	650	1 030	723	747	1937
1938	578	572	810	1 560	1 510	809	518	528	505	528	511	466	741	1938
1939	442	468	471	557	1 680	1 750	813	500	473	501	577	462	725	1939
1940	419	401	436	354	786	1 500	885	521	597	452	594	520	622	1940
1941	462	571	609	1 170	1 060	596	850	684	852	1 270	1 410	867	868	1941
1942	704	738	677	1 180	1 040	919	517	487	431	280	232	300	624	1942
1943	423	496	514	550	1 040	1 360	667	464	618	540	445	537	638	1943
1944	477	480	465	423	814	663	473	453	444	414	426	470	500	1944
1945	451	392	467	617	1 130	1 420	470	432	423	425	424	454	592	1945
1946	618	576	621	650	887	899	504	460	458	459	436	430	583	1946
1947	563	570	479	753	2 470	3 250	957	515	440	387	392	450	935	1947
1948	434	434	325	765	777	660	520	423	434	410	411	420	501	1948
1949	461	509	524	1 010	1 080	959	782	505	508	476	490	497	650	1949
1950	446	511	515	462	1 250	695	512	435	482	467	505	503	566	1950
1951	586	641	694	1 560	936	587	686	565	602	---	---	---	---	1951
MEAN	486	491	486	735	1 390	1 150	724	534	501	540	576	515	679	MEAN

LOCATION - LAT 46 40 00 N DRAINAGE AREA, 46 100 km²
LONG 079 05 00 W REGULATED

OTTAWA RIVER NEAR TIMISKAMING - STATION NO. 02JE003

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1911	---	---	---	---	1911
1912	---	---	---	---	1912
1913	---	1 970 ON MAY 30	225 ON APR 06	20 400 000	1913
1914	---	2 180 ON MAY 02	165 ON APR 12	20 400 000	1914
		1 310 ON MAY 12	118 ON OCT 31 *	13 800 000	
1915	---	1 120 ON MAY 26	119 ON MAR 22	13 800 000	1915
1916	---	2 380 ON MAY 09	255 ON OCT 16	21 700 000	1916
1917	---	2 310 ON MAY 27	306 ON APR 05	24 800 000	1917
1918	---	1 500 ON OCT 30	249 ON MAR 24	22 500 000	1918
1919	---	2 520 ON MAY 25	391 ON MAR 25	28 000 000	1919
1920	---	1 350 ON MAY 13	249 ON DEC 04	18 100 000	1920
1921	---	2 230 ON MAY 03	210 ON MAR 19	16 700 000	1921
1922	---	2 860 ON MAY 10	267 ON MAR 31	22 700 000	1922
1923	---	1 540 ON MAY 31	224 ON APR 19	17 300 000	1923
1924	---	1 400 ON JUN 01	334 ON JAN 01	19 500 000	1924
1925	---	1 490 ON JUN 12	340 ON JAN 27	20 900 000	1925
1926	---	1 680 ON MAY 27	261 ON APR 20	19 800 000	1926
1927	---	1 440 ON MAY 29	490 ON JAN 01	23 200 000	1927
1928	---	3 310 ON MAY 16	459 ON APR 03	39 400 000	1928
1929	---	2 030 ON MAY 26	445 ON MAR 30	26 100 000	1929
1930	---	2 360 ON JUL 02	294 ON APR 05	24 000 000	1930
1931	---	1 000 ON APR 26	311 ON APR 07	16 900 000	1931
1932	---	2 280 ON OCT 19	464 ON JAN 12	28 700 000	1932
1933	---	2 440 ON MAY 03	292 ON SEP 30	21 900 000	1933
1934	---	2 670 ON MAY 15	311 ON MAR 19	21 300 000	1934
1935	---	1 140 ON MAY 02	334 ON MAY 24	17 200 000	1935
1936	---	2 670 ON MAY 15	394 ON FEB 08	22 900 000	1936
1937	---	1 740 ON MAY 09	411 ON AUG 25	23 600 000	1937
1938	---	2 320 ON MAY 04	439 ON DEC 26	23 400 000	1938
1939	---	2 260 ON JUN 02	360 ON MAR 28	22 900 000	1939
1940	---	2 270 ON MAY 30	142 ON APR 30	19 700 000	1940
1941	---	2 230 ON APR 24	294 ON JUN 10	27 400 000	1941
1942	---	1 570 ON APR 28	207 ON NOV 27	19 700 000	1942
1943	---	1 510 ON JUN 13	334 ON NOV 24	20 100 000	1943
1944	---	1 520 ON MAY 06	306 ON APR 11	15 800 000	1944
1945	---	2 790E ON JUN 02	198E ON APR 10	18 700 000	1945
1946	---	1 830 ON MAY 31	279 ON MAY 04	18 400 000	1946
1947	---	3 540 ON JUN 17 *	362 ON NOV 05	29 500 000	1947
1948	---	1 380 ON APR 30	270 ON APR 03	15 800 000	1948
1949	---	1 770 ON JUN 29	277 ON MAY 21	20 500 000	1949
1950	---	1 830 ON MAY 14	320 ON APR 26	17 900 000	1950
1951	---	2 280 ON APR 18	---	---	1951
	E - ESTIMATED	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		21 400 000	MEAN

OUSE RIVER NEAR WESTWOOD - STATION NO. 02HJ003

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1967	---	---	---	---	---	---	---	---	---	4.51	5.99	5.51	---	1967
1968	2.46	2.71	7.21	6.04	2.67	2.17	1.02	0.448	0.385	0.364	0.801	1.09	2.28	1968
1969	1.06	1.67	4.89	9.43	7.47	2.83	0.776	0.253	0.061	0.228	0.538	0.710	2.49	1969
1970	0.479	0.651	1.72	9.61	3.74	1.13	0.990	0.350	0.191	0.371	1.16	1.53	1.82	1970
1971	1.01	1.06	2.65	14.3	4.50	1.31	0.595	0.176	0.134	0.306	0.516	1.08	2.29	1971
1972	1.46	1.42	1.65	16.1	6.94	2.83	3.14	2.43	1.15	2.44	4.56	4.14	4.01	1972
1973	4.98	3.64	16.7	10.2	3.89	1.32	0.430	0.336	0.144	0.261	1.00	1.27	3.69	1973
1974	1.97	2.06	5.21	9.06	6.70	2.76	1.36	0.670	0.506	0.938	1.75	1.78	2.90	1974
1975	2.32	2.27	8.09	10.6	4.22	1.67	0.736	0.243	0.155	0.203	0.368	0.835	2.64	1975
1976	0.365	1.97	16.5	11.4	3.98	1.65	0.694	0.378	0.333	0.505	0.515	0.297	3.24	1976
1977	0.216	0.228	6.71	5.42	1.70	0.495	0.211	0.272	0.508	1.20	2.49	4.17	1.98	1977
1978	3.80	2.93	3.80	18.2	6.69	1.41	0.355	0.306	0.223	0.552	0.940	0.850	3.32	1978
1979	1.23	0.769	12.3	11.2	4.14	1.64	0.537	0.269	0.188	0.599	1.46	2.97	3.12	1979
1980	2.18	0.739	8.78	9.29	3.45	1.20	0.945	0.443	0.239	0.550	1.06	2.34	2.61	1980
1981	0.935	12.1	5.27	4.18	2.37	2.52	1.29	0.940	1.44	1.83	3.10	1.84	3.08	1981
1982	1.03	0.707	2.55	13.7	3.91	2.83	0.723	0.349	0.810	1.50	4.02	7.28	3.45	1982
1983	3.65	3.43	4.49	6.56	6.66	2.65	0.890	0.545	0.186	0.295	0.859	1.23	2.62	1983
1984	1.01	6.36	5.99	13.5	6.08	1.76	0.888	2.71	2.95	1.16	2.48	2.92	3.96	1984
1985	1.95	3.70	11.2	10.6	3.42	1.33	0.846	0.273	2.93	1.69	7.43	3.13	4.02	1985
1986	2.48	1.63	9.31	7.61	2.42	1.70	0.587	0.485	1.16	2.41	1.66	2.17	2.81	1986
1987	1.66	1.03	5.97	10.6	1.89	0.811	0.398	0.119	0.147	0.355	0.905	3.18	2.25	1987
1988	1.41	2.07	5.04	7.27	3.13	0.768	0.199	0.088	0.092	0.204	0.740	0.545	1.79	1988
1989	1.01	0.995	4.11	4.84	4.50	4.77	1.53	0.494	0.738	1.04	4.17	1.58	2.48	1989
1990	2.51	3.07	8.20	10.1	5.93	2.06	0.974	0.304	0.119	0.729	1.23	4.78	3.33	1990
MEAN	1.80	2.49	6.88	10.1	4.37	1.90	0.875	0.560	0.643	1.01	2.07	2.38	2.88	MEAN

LOCATION - LAT 44 17 50 N DRAINAGE AREA, 282 km^2
LONG 078 02 50 W REGULATED

OUSE RIVER NEAR WESTWOOD - STATION NO. 02HJ003

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1967	---	---	---	---	1967
1968	17.2 AT 19:00 EST ON MAR 29	17.0 ON MAR 29	0.280 ON SEP 02	72 000	1968
1969	16.5 AT 02:31 EST ON MAY 20	16.3 ON MAY 20	0.008 ON SEP 05	78 600	1969
1970	17.0 AT 18:19 EST ON APR 10	16.6 ON APR 10	0.040 ON SEP 23	57 500	1970
1971	36.2 AT 07:31 EST ON APR 14	34.8 ON APR 14	0.007 ON SEP 12 *	72 300	1971
1972	42.5 AT 10:00 EST ON APR 15	40.2 ON APR 15	0.801B ON JAN 01	127 000	1972
1973	45.1 AT 13:21 EST ON MAR 08	45.3 ON MAR 08	0.951 ON OCT 01	116 000	1973
1974	29.2 AT 06:16 EST ON APR 05	27.0 ON APR 05	0.249 ON SEP 22	91 400	1974
1975	---	39.4B ON MAR 20	0.082 ON SEP 16	83 200	1975
1976	67.7E AT 00:50 EST ON MAR 22	55.8E ON MAR 22	0.153 ON AUG 26	102 000	1976
1977	22.5 AT 04:33 EST ON MAR 14	20.7 ON MAR 14	0.059 ON JUL 29	62 400	1977
1978	27.8 AT 01:56 EST ON APR 22	27.1 ON APR 13	0.105 ON SEP 14	105 000	1978
1979	41.8 AT 14:15 EST ON MAR 25	40.1 ON MAR 25	0.081 ON SEP 30	98 500	1979
1980	67.8 AT 13:21 EST ON MAR 22 *	63.1 ON MAR 22 *	0.171 ON SEP 21	82 400	1980
1981	64.5 AT 14:00 EST ON FEB 24	60.6 ON FEB 24	0.639 ON AUG 30	97 100	1981
1982	29.8B AT 20:18 EST ON APR 01	25.0B ON APR 04	0.167 ON AUG 18	109 000	1982
1983	44.7 AT 04:51 EST ON FEB 04	18.9 ON FEB 04	0.049 ON OCT 02	82 500	1983
1984	39.8 AT 17:09 EST ON APR 06	36.3 ON APR 06	0.446 ON AUG 05	125 000	1984
1985	---	21.6B ON MAR 13	0.082 ON AUG 23	127 000	1985
1986	---	29.0B ON MAR 20	0.168 ON AUG 25	88 600	1986
1987	27.2 AT 00:23 EST ON APR 06	26.3 ON APR 06	0.073 ON AUG 24	71 100	1987
1988	21.3 AT 02:55 EST ON MAR 27	20.3 ON MAR 27	0.050 ON AUG 21	56 600	1988
1989	---	16.4B ON MAR 16	0.211 ON AUG 27	78 200	1989
1990	38.8B AT 22:09 EST ON MAR 12	30.2B ON MAR 13	0.095 ON SEP 18	105 000	1990
	B - ICE CONDITIONS E - ESTIMATED	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		90 800	MEAN

OXTONGUE RIVER NEAR DWIGHT - STATION NO. 02EB014

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1981	---	---	---	---	---	---	---	---	35.5	21.3	5.84	6.29	---	1981
1982	4.11	4.52	7.16	34.9	15.5	6.54	3.69	1.49	8.68	8.18	18.6	24.8	11.5	1982
1983	16.8	9.06	12.3	18.0	31.1	10.9	1.68	1.31	4.77	9.65	10.6	10.3	11.3	1983
1984	3.36	14.9	13.4	33.0	18.3	12.7	4.42	2.33	6.06	9.48	11.4	12.1	11.7	1984
1985	13.0	8.93	16.4	42.9	21.1	4.13	2.55	2.57	10.5	10.7	12.7	12.4	13.1	1985
1986	4.97	3.20	12.7	29.1	13.4	10.3	3.81	3.65	12.7	14.6	4.86	4.79	9.83	1986
1987	3.80	3.29	10.5	22.3	5.04	3.07	1.43	0.969	5.91	5.83	5.18	9.17	6.37	1987
1988	4.82	11.4	7.07	37.6	14.1	3.40	0.769	0.733	9.32	14.3	15.4	7.69	10.5	1988
1989	5.83	5.03	9.90	27.6	20.5	15.3	4.93	0.944	7.21	4.39	7.50	3.21	9.34	1989
1990	4.93	7.75	16.8	25.0	15.5	6.05	1.99	0.643	6.82	11.2	12.6	16.2	10.5	1990
MEAN	6.85	7.57	11.8	30.0	17.2	7.94	2.81	1.63	10.7	11.0	10.5	10.7	10.5	MEAN

LOCATION - LAT 45 18 47 N LONG 078 59 32 W DRAINAGE AREA, 601 km^2 REGULATED

OXTONGUE RIVER NEAR DWIGHT - STATION NO. 02EB014

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1981	61.0 AT 23:07 EST ON SEP 05	60.3 ON SEP 05	---	---	1981
1982	65.2 AT 23:24 EST ON APR 18	63.7 ON APR 26	1.05 ON AUG 18	363 000	1982
1983	58.1 AT 07:46 EST ON MAY 09	57.6 ON MAY 09	0.903 ON JUL 31	357 000	1983
1984	46.2 AT 19:04 EST ON APR 17	45.5 ON APR 17	2.11 ON AUG 12	370 000	1984
1985	93.6 AT 08:22 EST ON APR 25 *	93.3 ON APR 25 *	1.60 ON AUG 17	414 000	1985
1986	63.9 AT 02:34 EST ON APR 03	62.0 ON APR 02	2.21 ON AUG 26	310 000	1986
1987	40.9 AT 17:47 EST ON MAR 31	39.4 ON MAR 31	0.695 ON AUG 13	201 000	1987
1988	67.4 AT 05:59 EST ON APR 08	66.2 ON APR 08	0.459 ON AUG 04 *	331 000	1988
1989	36.4B AT 02:00 EST ON MAR 31	34.5B ON MAR 31	0.616 ON AUG 19	295 000	1989
1990	44.1 AT 14:47 EST ON NOV 29	43.1 ON NOV 29	0.492 ON SEP 01	330 000	1990
	B - ICE CONDITIONS	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		330 000	MEAN

PAGWACHUAN RIVER AT HIGHWAY NO. 11 - STATION NO. 04JD005

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1968	3.79	2.49	1.84	46.0	41.9	41.0	46.4	29.2	13.8	26.3	19.5	8.57	23.5	1968
1969	6.70	5.46	4.45	19.3	101	49.2	15.6	8.31	6.77	14.1	8.90	6.71	20.7	1969
1970	4.90	3.85	3.08	8.79	82.5	26.8	12.6	3.10	26.0	29.2	30.0	10.6	20.2	1970
1971	6.99	5.03	3.57	12.0	86.9	29.2	12.7	8.08	22.1	25.3	32.5	14.5	24.0	1971
1972	6.51	3.89	3.11	6.72	105	22.9	31.0	14.8	9.42	19.6	8.52	5.16	19.9	1972
1973	4.50	3.71	4.17	45.2	77.7	28.8	43.1	16.9	15.6	15.2	20.0	12.8	24.1	1973
1974	5.50	4.28	3.47	4.58	122	40.1	30.5	15.9	11.0	37.2	22.4	9.49	25.7	1974
1975	6.23	5.00	4.43	10.7	86.3	57.8	10.7	4.26	2.28	14.5	26.7	9.52	19.9	1975
1976	5.14	3.45	3.15	85.5	49.0	25.3	11.6	6.86	3.47	4.12	2.97	2.12	16.8	1976
1977	1.87	1.77	3.05	101	54.1	18.3	36.0	11.6	32.9	40.4	20.3	8.09	27.5	1977
1978	4.47	3.07	2.33	5.28	95.6	71.1	15.3	5.33	3.29	5.01	4.01	2.71	18.2	1978
1979	2.18	1.83	2.03	27.1	102	38.5	10.6	9.50	14.5	25.8	34.4	10.6	23.4	1979
1980	5.45	3.84	3.09	40.9	95.4	25.9	6.43	5.83	12.6	22.1	13.6	5.91	20.1	1980
1981	3.30	2.88	4.77	42.4	62.1	29.5	7.58	1.75	1.08	2.60	4.08	3.13	13.8	1981
1982	2.09	1.70	1.64	6.09	113	31.1	49.7	7.21	16.9	43.0	26.6	17.1	26.5	1982
1983	6.94	4.81	4.97	11.0	124	25.6	17.7	3.37	14.1	60.6	17.7	10.1	25.3	1983
1984	5.57	4.66	3.64	74.0	77.9	59.4	38.9	13.1	4.75	10.0	13.5	10.1	26.3	1984
1985	5.99	4.26	3.24	49.7	66.6	39.9	26.8	44.2	36.3	52.5	40.0	12.9	32.0	1985
1986	5.98	4.21	3.98	34.4	57.2	28.2	10.0	6.54	7.50	24.4	13.0	6.40	17.5	1986
1987	3.59	3.03	3.56	34.6	20.2	12.3	7.96	10.8	9.18	28.5	20.6	11.8	13.9	1987
1988	5.20	3.28	3.12	38.9	88.8	40.3	15.3	32.7	26.3	27.2	44.3	18.1	28.7	1988
1989	7.30	5.20	3.44	20.8	130	17.6	4.62	4.47	2.17	3.78	8.68	4.55	17.9	1989
1990	2.84	2.13	4.09	46.5	61.8	48.5	27.0	4.40	4.57	17.7	21.7	8.69	20.9	1990
MEAN	4.91	3.64	3.40	33.5	82.7	35.1	21.5	11.7	12.9	25.0	19.7	9.12	22.0	MEAN

LOCATION - LAT 49 46 00 N DRAINAGE AREA, 2 020 km²
LONG 085 14 00 W NATURAL FLOW

PAGWACHUAN RIVER AT HIGHWAY NO. 11 - STATION NO. 04JD005

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1968	---	129 ON APR 24	1.67 B ON MAR 17	742 000	1968
1969	176 AT 03:00 EST ON MAY 05	175 ON MAY 05	4.05 B ON MAR 31	653 000	1969
1970	195 AT 19:51 EST ON MAY 01	192 ON MAY 01	2.08 ON AUG 28	637 000	1970
1971	143 AT 10:42 EST ON MAY 27	142 ON MAY 27	2.49 B ON APR 05	758 000	1971
1972	195 AT 08:08 EST ON MAY 04	194 ON MAY 04	3.03 B ON MAR 18	630 000	1972
1973	189 AT 17:00 EST ON APR 23	188 ON APR 23	3.06 B ON FEB 27	760 000	1973
1974	185 AT 06:40 EST ON MAY 18	185 ON MAY 18	3.11 B ON APR 01	812 000	1974
1975	197 AT 11:52 EST ON MAY 06	196 ON MAY 06	2.12 ON SEP 05	629 000	1975
1976	260 AT 12:48 EST ON APR 23 *	256 ON APR 23	1.97 B ON DEC 30	532 000	1976
1977	---	281 E ON APR 23 *	1.76 B ON FEB 19	867 000	1977
1978	178 AT 13:51 EST ON MAY 15	176 ON MAY 15	2.10 B ON MAR 30	575 000	1978
1979	186 AT 14:17 EST ON MAY 12	184 ON MAY 12	1.67 B ON MAR 14	738 000	1979
1980	---	232 E ON MAY 04	2.85 B ON MAR 30	637 000	1980
1981	113 AT 06:12 EST ON MAY 05	111 ON MAY 05	0.930 ON SEP 24 *	435 000	1981
1982	224 AT 20:04 EST ON MAY 07	222 ON MAY 07	1.55 B ON MAR 13	836 000	1982
1983	---	172 B ON MAY 04	1.80 ON AUG 24	799 000	1983
1984	189 AT 22:26 EST ON APR 28	185 ON APR 28	2.90 B ON MAR 16	831 000	1984
1985	---	219 E ON APR 26	2.72 B ON APR 10	I 010 000	1985
1986	114 AT 02:01 EST ON MAY 07	113 ON MAY 07	3.80 B ON MAR 11	554 000	1986
1987	65.4 AT 14:44 EST ON APR 21	64.8 ON APR 21	3.00 B ON FEB 15	437 000	1987
1988	176 AT 11:44 EST ON MAY 04	175 ON MAY 04	2.93 B ON MAR 23	906 000	1988
1989	226 AT 00:52 EST ON MAY 07	223 ON MAY 07	1.53 ON SEP 19	563 000	1989
1990	213 AT 13:52 EST ON APR 27	209 ON APR 27	1.71 ON SEP 20	658 000	1990
				696 000	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

PARKHILL CREEK ABOVE PARKHILL RESERVOIR - STATION NO. 02FF008

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1973	---	---	6.53	0.995	1.05	0.170	0.084	0.018	0	0	1.67	2.09	---	1973
1974	3.32	2.01	3.80	2.38	2.86	0.236	0.029	0	0	0	0.503	0.680	1.32	1974
1975	3.51	2.83	4.15	3.86	0.334	0.738	0.026	0.108	0.203	0.036	0.212	1.45	1.45	1975
1976	1.20	1.91	4.67	1.15	1.30	0.214	2.09	1.09	0.239	0.489	2.45	0.335	2.02	1976
1977	0.165	0.285	7.84	1.46	0.169	0.038	0.410	0.003	0.668	0.790	1.63	3.48	1.59	1977
1978	0.339	0.293	4.54	5.83	0.429	0.135	0.040	0.001	0.063	0.368	0.149	0.901	1.42	1978
1979	1.31	0.289	6.28	4.87	0.415	0.096	0.195	0.011	0	0.068	3.54	3.39	1.71	1979
1980	0.441	0.193	3.90	2.23	0.798	0.603	0.110	0.066	0.019	1.08	0.160	1.32	0.916	1980
1981	0.106	6.50	1.45	1.23	1.06	0.332	0.024	0.233	2.87	3.52	1.73	1.39	1.67	1981
1982	1.65	0.246	7.23	2.20	0.247	0.519	0.022	0.089	0.087	0.344	2.56	4.14	1.63	1982
1983	0.807	2.22	1.00	1.70	2.22	0.947	0.195	0.334	0.216	0.061	1.04	2.58	1.10	1983
1984	0.170	4.03	2.97	1.57	0.892	1.65	0.198	0.038	1.39	0.052	2.07	2.79	1.47	1984
1985	1.38	5.26	6.05	2.32	0.199	0.256	0.168	0.054	0.806	1.08	3.79	1.56	1.88	1985
1986	2.24	1.02	4.50	1.51	0.699	0.829	0.206	0.144	4.95	2.94	0.520	2.36	1.83	1986
1987	0.870	0.155	3.34	1.83	0.170	0.145	0.042	0.006	0.005	0.930	2.79	4.95	1.28	1987
1988	0.592	1.60	3.26	0.829	0.239	0.022	0	0.009	0	1.34	3.36	1.60	1.07	1988
1989	1.69	0.609	2.26	1.52	0.202	0.366	0.008	0	0.110	0.141	2.08	0.415	0.782	1989
1990	4.42	3.02	2.19	1.55	0.921	0.156	0.750	0.389	1.67	3.71	2.33	2.86	2.00	1990
MEAN	1.42	2.26	4.23	2.22	0.806	0.415	0.254	0.144	0.751	0.942	1.81	2.24	1.46	MEAN

LOCATION - LAT 43 09 49 N DRAINAGE AREA, 110 km²
LONG 081 37 54 W NATURAL FLOW

PARKHILL CREEK ABOVE PARKHILL RESERVOIR - STATION NO. 02FF008

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1973	29.2 AT 19:59 EST ON MAR 11	16.3 ON DEC 27	0 ON AUG 09 *	---	1973
1974	38.2 AT 05:44 EST ON MAR 05	29.2 ON MAR 05	0 ON JUL 16	41 500	1974
1975	34.5 AT 10:13 EST ON APR 19	27.7 ON APR 19	0 ON JUL 27	45 600	1975
1976	---	20.3E ON MAR 04	0.004 ON SEP 08	63 700	1976
1977	---	24.0A ON MAR 11	0 A ON JUN 27	50 000	1977
1978	31.1 AT 20:35 EST ON APR 01	24.6 ON APR 01	0 ON JUL 12	35 500	1978
1979	44.5 AT 01:53 EST ON APR 14 *	36.8 ON APR 14 *	0 ON AUG 15	54 000	1979
1980	26.5 AT 15:28 EST ON MAR 21	20.6 ON MAR 21	0 ON AUG 27	29 000	1980
1981	30.7 AT 01:39 EST ON SEP 02	26.0 ON FEB 23	0.006 ON AUG 25	52 500	1981
1982	26.6 AT 04:58 EST ON MAR 31	23.1 ON MAR 31	0.008 ON AUG 01	51 200	1982
1983	17.7 AT 02:32 EST ON DEC 13	12.5 ON DEC 13	0.012 ON JUL 27	34 800	1983
1984	---	28.0B ON FEB 14	0.015 ON AUG 17	46 400	1984
1985	---	30.0B ON FEB 24	0.010 ON AUG 14	59 400	1985
1986	34.6 AT 15:53 EST ON SEP 11	28.5 ON SEP 12	0.021 ON AUG 22	57 800	1986
1987	29.7 AT 03:44 EST ON NOV 26	23.6 ON NOV 26	0 ON AUG 01	40 400	1987
1988	15.6 AT 07:37 EST ON MAR 24	13.0E ON NOV 13	0 ON JUN 19	33 800	1988
1989	16.9 AT 06:19 EST ON NOV 16	14.3 ON NOV 16	0 ON JUL 14	24 700	1989
1990	33.0 AT 07:02 EST ON JAN 18	30.4 ON JAN 18	0.021 ON JUL 08	62 900	1990
				46 100	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX)
B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

PARKHILL CREEK NEAR PARKHILL - STATION NO. 02FF003

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1953	---	---	---	---	---	0.315	0	0.027	0	0	0	0.034	---	1953
1954	0.824	7.32	4.57	2.51	0.090	0	0	0	0	6.05	1.46	3.06	2.13	1954
1955	2.30	1.73	4.61	0.645	0.009	0	0	0	0	0	0.045	0.280	0.801	1955
1956	0.174	0.876	7.59	1.81	3.85	0.058	0.028	1.27	0.822	0.137	0.123	2.20	1.59	1956
1957	2.52	3.14	1.56	1.52	0.837	0.086	0.017	0	0.003	0.064	1.02	3.82	1.20	1957
1958	0.296	0.466	3.16	0.325	0.032	0.004	0.097	0	0.024	0.005	0.277	0.055	0.393	1958
1959	0.910	2.19	11.8	2.26	0.899	0.058	0.031	0.010	0.022	0.745	1.66	3.02	1.97	1959
1960	1.19	1.00	6.52	4.89	2.09	1.14	0.032	0.001	0	0	0	0.016	1.41	1960
1961	0.028	2.80	1.23	1.46	1.11	0.040	0.177	0.269	0.057	0.034	0.542	0.432	0.666	1961
1962	0.111	0.228	3.69	0.551	0.191	0.051	0.001	0.004	0	0.199	2.72	1.53	0.777	1962
1963	0.102	0.028	5.83	0.673	0.667	0.076	0.005	0	0	0	0	0	0.624	1963
1964	1.36	0.940	2.40	1.56	0.235	0.012	0.002	0.467	0.067	0.049	0.040	1.21	0.697	1964
1965	0.965	3.17	1.95	3.24	0.161	0.023	0.008	0.010	0.007	0.231	1.42	5.08	1.34	1965
1966	0.842	2.34	3.04	1.62	0.678	1.46	0.042	0.109	0.017	0.047	2.21	5.87	1.49	1966
1967	1.76	1.09	4.99	4.13	0.844	1.24	0.482	0.756	0.059	---	---	---	---	1967
MEAN	0.934	1.95	4.50	1.94	0.835	0.305	0.061	0.195	0.072	0.540	0.819	1.90	1.16	MEAN

LOCATION - LAT 43 10 11 N DRAINAGE AREA, 124 km²
LONG 081 41 00 W NATURAL FLOW

PARKHILL CREEK NEAR PARKHILL - STATION NO. 02FF003

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1953	---	---	---	---	1953
1954	---	72.5 E ON OCT 16	0 B ON JAN 01 *	67 100	1954
1955	---	20.2 ON MAR 01	0 ON JAN 31	25 200	1955
1956	---	59.5 B ON MAR 07	0 ON JUN 13	50 300	1956
1957	---	17.1 ON DEC 21	0 ON JUL 18	38 000	1957
1958	---	13.0 ON MAR 01	0 ON MAY 10	12 400	1958
1959	---	30.0 ON MAR 16	0 ON JUL 10	62 300	1959
1960	156 AT 23:00 EST ON MAR 30 *	93.7 ON MAR 31 *	0 ON AUG 09	44 500	1960
1961	31.4 AT 02:30 EST ON FEB 24	23.6 ON FEB 24	0.006 ON SEP 18	21 000	1961
1962	49.6 AT 21:00 EST ON NOV 10	20.1 ON NOV 11	0 ON JUL 08	24 500	1962
1963	37.4B AT 03:00 EST ON MAR 26	26.9 B ON MAR 25	0 ON JUL 13	19 700	1963
1964	14.6 AT 21:00 EST ON DEC 25	9.63 ON APR 07	0 ON JAN 01	22 000	1964
1965	63.1 AT 15:00 EST ON DEC 25	37.1 ON DEC 25	0.003 ON JUL 21	42 300	1965
1966	91.2 AT 09:00 EST ON DEC 07	73.9 ON DEC 07	0.008 ON JUL 21	47 100	1966
1967	109 AT 07:00 EST ON APR 03	46.7 ON APR 03	---	---	1967
				36 600	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

PARKS CREEK NEAR LATTA - STATION NO. 02HL006

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1984	---	---	---	---	---	---	---	---	---	---	---	1.44	---	1984
1985	1.77	2.40	9.06	7.85	2.45	1.10	0.285	0.146	0.581	0.894	5.30	2.81	2.88	1985
1986	2.58	2.42	5.97	5.05	2.29	1.36	0.353	0.228	0.859	2.21	2.05	3.91	2.44	1986
1987	2.46	1.13	5.24	8.73	2.10	0.946	0.338	0.142	0.272	0.549	1.46	4.61	2.33	1987
1988	2.51	2.71	5.34	6.31	2.31	0.630	0.270	0.117	0.122	0.391	0.923	0.858	1.87	1988
1989	1.05	1.24	2.61	4.93	3.40	1.69	0.334	0.208	0.170	0.328	1.82	1.23	1.58	1989
1990	2.44	3.10	6.46	7.14	4.02	1.50	0.688	0.294	0.131	0.769	1.13	3.93	2.63	1990
MEAN	2.14	2.17	5.78	6.67	2.76	1.20	0.378	0.189	0.356	0.857	2.11	2.68	2.29	MEAN

LOCATION - LAT 44 17 07 N, LONG 077 19 25 W
DRAINAGE AREA, 205 km^2
NATURAL FLOW

REMARKS - STATION ACTIVATED NOV 1984

PARKS CREEK NEAR LATTA - STATION NO. 02HL006

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1984	---	---	---	---	1984
1985	16.3 AT 10:21 EST ON MAR 15	15.9 ON MAR 14	0.073 ON AUG 12	90 900	1985
1986	---	13.0B ON MAR 28	0.119 ON AUG 22	77 000	1986
1987	19.3E AT 12:33 EST ON APR 06	18.9E ON APR 06	0.072 ON AUG 21	73 600	1987
1988	25.3 AT 12:13 EST ON MAR 27 *	24.6 ON MAR 27 *	0.043E ON AUG 22 *	59 100	1988
1989	10.9 AT 20:46 EST ON MAR 29	10.7B ON MAR 29	0.097 ON AUG 28	49 800	1989
1990	14.3 AT 00:11 EST ON MAR 18	13.8 ON MAR 17	0.102 ON SEP 21	83 000	1990
				72 200	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

PARKS CREEK NEAR LATTA - STATION NO. 02HL103

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1968	---	---	---	---	---	---	---	---	---	---	1.64	---	---	1968
1969	---	---	5.06	7.84	5.74	2.80	1.36	0.816	0.229	0.207	0.967	2.08	---	1969
1970	---	---	---	8.05	3.04	0.875	0.588	0.218	0.175	0.505	2.36	2.20	---	1970
1971	1.62	2.02	3.39	17.2	4.55	1.41	0.488	0.158	0.343	0.596	0.871	2.52	2.92	1971
1972	2.48	2.14	2.86	13.1	5.40	2.59	1.64	1.03	0.474	1.98	4.42	5.85	3.66	1972
1973	5.52	4.91	11.2	7.10	3.66	1.86	0.380	0.198	0.128	0.277	1.11	2.43	3.23	1973
1974	5.42	3.54	7.51	10.7	6.07	2.13	0.729	0.225	0.109	0.226	0.720	1.55	3.24	1974
1975	1.71	2.64	8.11	9.42	3.65	1.76	0.266	0.035	0.079	0.195	0.690	2.89	2.62	1975
1976	3.83	7.29	13.6	9.48	3.97	1.60	0.926	0.293	0.210	0.583	0.906	---	---	1976
1977	---	---	---	7.36	2.62	0.603	0.180	---	---	---	---	---	---	1977
MEAN	3.43	3.76	7.39	10.0	4.30	1.74	0.729	0.372	0.218	0.571	1.52	2.79	3.13	MEAN

LOCATION - LAT 44 17 05 N, LONG 077 19 30 W
DRAINAGE AREA, 199 km^2
NATURAL FLOW

DATA CONTRIBUTED BY - ONTARIO MINISTRY OF THE ENVIRONMENT

PARKS CREEK NEAR LATTA - STATION NO. 02HL103

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1968	---	---	---	---	1968
1969	---	15.6 ON MAR 25	---	---	1969
1970	13.1 AT 21:00 EST ON APR 10	---	---	---	1970
1971	35.4E AT 07:00 EST ON APR 14 *	34.5E ON APR 14 *	0.057 ON AUG 22	92 000	1971
1972	23.8E AT 23:06 EST ON APR 15	22.9E ON APR 17	0.246 ON SEP 23	116 000	1972
1973	21.0 AT 05:12 EST ON MAR 18	20.6 ON MAR 18	0.025 ON SEP 16	102 000	1973
1974	---	27.5 ON APR 05	0.034 ON SEP 23	102 000	1974
1975	22.1 AT 03:42 EST ON MAR 23	21.2 ON MAR 23	0 ON AUG 20 *	82 500	1975
1976	28.9 AT 01:18 EST ON MAR 28	27.9 ON MAR 28	0.057 ON AUG 31	---	1976
1977	---	24.1 ON MAR 15	---	---	1977
	E - ESTIMATED	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		98 900	MEAN

PASHKOKOGAN RIVER AT OUTLET OF PASHKOKOGAN LAKE - STATION NO. 04GA003

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1969	---	---	---	---	---	---	48.1	38.6	---	---	---	---	---	1969
1970	---	---	---	---	---	---	---	34.0	41.4	---	---	---	---	1970
1971	---	---	---	---	---	43.0	33.8	24.1	16.3	21.2	---	---	---	1971
1972	---	---	---	---	---	---	21.1	19.1	22.4	---	27.5	---	---	1972
1973	---	14.3	12.7	12.4	19.9	22.4	29.4	---	36.6	30.2	28.2	---	---	1973
1978	15.6	12.7	9.59	8.24	20.1	42.2	36.2	30.2	27.7	23.6	19.2	15.8	21.8	1978
1979	15.7	14.7	14.3	14.7	27.1	36.1	29.3	22.8	27.2	30.7	30.7	30.4	24.5	1979
1980	26.4	21.6	15.8	13.6	20.0	17.4	10.9	6.26	7.20	8.51	12.4	11.4	14.3	1980
1981	10.2	8.72	8.01	8.17	10.7	14.7	13.9	8.20	5.20	4.26	4.38	4.48	8.41	1981
1982	4.15	3.86	4.07	4.39	12.4	25.1	21.3	14.1	10.1	10.3	13.9	13.5	11.5	1982
1983	12.0	10.6	9.90	8.61	10.6	12.5	---	---	---	---	---	---	---	1983
MEAN	14.0	12.4	10.6	10.0	17.2	26.7	27.1	21.9	21.6	18.4	19.5	15.1	16.1	MEAN

LOCATION - LAT 51 02 03 N DRAINAGE AREA, 2 230 km^2
LONG 090 12 04 W NATURAL FLOW

REMARKS - DISCONTINUED JUN 30 1983

PASHKOKOGAN RIVER AT OUTLET OF PASHKOKOGAN LAKE - STATION NO. 04GA003

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1969	---	---	---	---	1969
1970	---	---	---	---	1970
1971	---	---	---	---	1971
1972	---	---	---	---	1972
1973	---	---	---	---	1973
1978	51.3 AT 16:36 EST ON JUN 19 *	48.4 ON JUN 18 *	6.17E ON JAN 28	688 000	1978
1979	40.9 AT 20:54 EST ON JUN 01	38.9 ON JUN 02	13.7 ON APR 12	773 000	1979
1980	---	30.1 ON JAN 02	5.21 ON AUG 13	451 000	1980
1981	20.6 AT 17:35 EST ON JUN 18	17.3 ON JUN 18	4.10 ON OCT 09	265 000	1981
1982	29.0 AT 16:39 EST ON JUN 26	27.1 ON JUN 26	3.73E ON MAR 10 *	362 000	1982
1983	---	---	---	---	1983
	E - ESTIMATED	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		508 000	MEAN

PATTERSON CREEK NEAR SIMCOE - STATION NO. 02GC012

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1963	---	---	---	---	---	---	---	---	---	0.235	0.242	0.225	---	1963
1964	0.283	0.319	0.705	0.883	0.668	0.326	0.267	0.502	0.344	0.287	0.282	0.464	0.445	1964
1965	0.560	0.988	1.65	1.60	0.808	0.427	0.342	0.341	0.341	0.468	0.590	0.698	0.732	1965
1966	0.641	0.809	2.12	0.887	0.639	0.469	0.281	0.268	0.284	0.255	0.354	0.795	0.564	1966
1967	0.704	0.567	0.718	1.10	0.806	0.503	0.360	0.295	0.269	0.270	0.378	0.538	0.542	1967
1968	0.468	1.03	0.851	0.736	0.564	0.609	0.434	0.304	0.307	0.310	0.477	0.656	0.566	1968
1969	1.13	0.776	0.621	1.37	1.14	0.789	0.427	0.331	0.310	0.319	0.425	0.524	0.678	1969
1970	0.433	0.526	0.846	1.03	---	---	---	---	---	---	0.660	0.842	---	1970
1971	0.541	0.759	1.25	0.937	0.561	0.298	0.220	0.215	0.240	0.245	0.278	0.418	0.495	1971
1972	0.445	0.337	1.36	1.11	0.775	0.524	0.456	0.340	0.315	0.322	0.425	0.640	0.588	1972
1973	0.783	0.685	1.66	1.05	0.744	0.539	0.354	0.267	0.257	0.306	0.595	0.678	0.660	1973
1974	1.06	1.01	1.36	1.12	1.07	0.724	0.485	0.393	0.369	0.379	0.493	0.578	0.752	1974
1975	0.689	0.805	1.11	0.952	0.657	0.655	0.403	0.365	0.507	0.471	0.583	0.820	0.667	1975
1976	0.728	1.66	2.42	1.42	1.33	0.674	0.617	0.493	0.416	0.406	0.420	0.381	0.912	1976
1977	0.338	0.351	1.28	1.09	0.651	0.474	0.357	0.335	0.904	1.00	0.845	1.46	0.760	1977
1978	0.880	0.712	1.67	1.74	1.10	0.603	0.374	0.367	0.361	0.436	0.457	0.555	0.771	1978
1979	0.751	0.652	1.52	1.69	0.966	0.579	0.373	0.359	0.344	0.410	0.639	1.01	0.775	1979
1980	0.931	0.569	1.08	1.49	0.935	0.731	0.466	0.441	0.634	0.536	0.529	0.645	0.749	1980
1981	0.450	1.26	0.923	0.875	0.740	0.570	0.495	0.409	0.620	0.634	0.630	0.578	0.678	1981
1982	0.622	0.498	1.87	1.60	0.887	1.21	0.602	0.445	0.423	0.462	0.968	1.35	0.914	1982
1983	0.989	1.10	0.918	1.16	1.38	0.817	0.554	0.886	0.534	0.516	0.592	1.09	0.877	1983
1984	0.694	1.70	1.36	1.72	1.34	1.09	0.682	0.518	0.635	0.475	0.585	0.720	0.956	1984
1985	0.893	1.28	2.05	1.58	0.811	0.715	0.482	0.501	0.607	0.625	1.68	1.25	1.04	1985
1986	0.975	0.866	1.59	1.17	0.954	0.727	0.543	0.464	0.491	0.897	0.766	1.28	0.897	1986
1987	0.954	0.702	1.04	1.27	0.674	0.489	0.375	0.376	0.344	0.337	0.456	0.788	0.650	1987
1988	0.565	0.748	0.814	0.717	0.533	0.305	0.410	0.426	0.353	0.408	0.668	0.624	0.547	1988
1989	0.696	0.588	0.678	0.872	0.633	0.575	0.332	0.256	0.301	0.333	0.556	0.459	0.522	1989
1990	0.919	1.27	1.39	1.10	0.960	0.622	0.470	0.413	0.385	0.478	0.611	1.24	0.819	1990
MEAN	0.709	0.836	1.25	1.20	0.859	0.617	0.429	0.397	0.422	0.438	0.578	0.761	0.714	MEAN

LOCATION - LAT 42 51 13 N DRAINAGE AREA, 51.3 km²
LONG 080 19 41 W REGULATED

REMARKS - REGULATION BY PUMPING DURING SUMMER MONTHS

PATTERSON CREEK NEAR SIMCOE - STATION NO. 02GC012

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1963	---	---	---	---	1963
1964	2.25 AT 23:30 EST ON AUG 23	1.72 ON MAR 26	0.176 ON JUL 29	14 100	1964
1965	13.6 E AT 21:00 EST ON MAR 05 *	8.89E ON MAR 05 *	0.283 ON JAN 23	23 100	1965
1966	2.41 AT 05:00 EST ON FEB 11	2.04 ON FEB 11	0.176 ON JUL 26	17 800	1966
1967	2.00 AT 21:00 EST ON APR 06	1.75 ON APR 06	0.224 ON AUG 02	17 100	1967
1968	6.09 AT 11:45 EST ON FEB 02	5.10 ON FEB 02	0.204 ON JUL 31	17 900	1968
1969	6.85 AT 18:27 EST ON JAN 30	5.69 ON JAN 30	0.294 ON AUG 30	21 400	1969
1970	---	---	---	---	1970
1971	4.70 AT 17:21 EST ON FEB 27	3.26 ON FEB 27	0.170 ON AUG 07 *	15 600	1971
1972	6.97 AT 01:36 EST ON MAR 02	4.79 ON MAR 02	0.280 ON OCT 20	18 600	1972
1973	3.45 AT 12:44 EST ON MAR 14	3.28 ON MAR 14	0.212 ON AUG 16	20 800	1973
1974	3.62 AT 08:53 EST ON MAR 05	3.40 ON MAR 05	0.320 ON AUG 26	23 700	1974
1975	2.80 AT 17:10 EST ON FEB 24	2.37 ON FEB 24	0.280 ON AUG 01	21 000	1975
1976	---	4.98 ON MAR 06	0.354B ON DEC 31	28 800	1976
1977	4.73 AT 10:51 EST ON SEP 26	3.71 ON SEP 26	0.238 ON JUL 28	24 000	1977
1978	5.38 AT 16:19 EST ON MAR 21	4.87 ON MAR 23	0.289 ON JUL 18	24 300	1978
1979	5.10 AT 16:39 EST ON MAR 04	4.53 ON MAR 05	0.256 ON JUL 24	24 500	1979
1980	4.89 AT 17:49 EST ON MAR 21	3.42 ON MAR 22	0.335 ON JUL 21	23 700	1980
1981	4.63 AT 10:50 EST ON FEB 11	2.61 ON FEB 11	0.324 ON JUL 19	21 400	1981
1982	6.60 AT 16:21 EST ON MAR 13	4.67 ON MAR 14	0.330 ON SEP 11	28 800	1982
1983	3.49 AT 09:28 EST ON FEB 03	2.88 ON FEB 03	0.327 ON JUL 28	27 700	1983
1984	5.40 AT 05:09 EST ON FEB 14	5.16 ON FEB 14	0.400 ON AUG 26	30 200	1984
1985	5.81 AT 18:38 EST ON FEB 24	5.54 ON FEB 24	0.301 ON AUG 03	32 700	1985
1986	4.77 AT 01:37 EST ON MAR 11	3.98 ON MAR 11	0.366 ON SEP 07	28 300	1986
1987	2.82 AT 11:33 EST ON APR 05	2.61 ON APR 06	0.255 ON JUL 29	20 500	1987
1988	2.70 AT 02:56 EST ON FEB 23	1.93 ON FEB 23	0.171 ON JUL 07	17 300	1988
1989	1.41 AT 15:00 EST ON APR 04	1.28 ON APR 04	0.208 ON AUG 14	16 500	1989
1990	5.04 AT 14:57 EST ON DEC 30	4.86 ON DEC 30	0.302 ON AUG 02	25 800	1990
				22 500	MEAN

B - ICE CONDITIONS * - EXTREME RECORDED FOR THE PERIOD OF RECORD
E - ESTIMATED

PAYNE RIVER NEAR BERWICK - STATION NO. 02LB022

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1976	---	---	---	3.72	3.43	0.314	0.188	0.157	0.366	1.54	1.43	0.436	---	1976
1977	0.234	0.276	15.8	2.15	0.495	0.211	0.184	0.227	0.321	2.05	2.31	2.64	2.27	1977
1978	5.91	2.02	3.62	20.3	0.837	0.346	0.109	0.081	0.053	0.094	0.177	0.268	2.80	1978
1979	---	---	---	3.95	0.790	0.166	0.028	0.099	3.08	1.27	2.37	3.18	---	1979
1980	0.281	0.025	3.76	4.40	0.849	0.089	0.038	0.030	0.165	0.566	1.46	1.95	1.14	1980
1981	0.134	7.67	1.22	1.36	1.18	1.47	0.258	1.12	1.32	2.84	1.96	0.623	1.80	1981
1982	0.482	0.160	5.42	7.10	0.427	0.099	0.023	0.044	0.083	0.141	2.15	3.60	1.58	1982
1983	1.16	1.13	4.55	5.44	3.28	0.347	0.069	0.041	0.007	0.123	2.31	3.67	1.86	1983
1984	0.462	4.26	2.95	6.73	1.71	0.258	0.107	0.159	0.046	0.045	0.213	1.01	1.48	1984
1985	0.566	1.53	7.73	3.63	0.453	0.334	0.074	0.018	0.026	0.160	0.753	0.355	1.30	1985
1986	1.33	0.310	4.15	2.38	1.06	0.327	1.37	0.972	1.61	3.24	2.58	2.27	1.81	1986
1987	0.460	0.220	6.10	2.24	0.434	0.394	1.57	0.145	0.104	0.320	1.14	3.46	1.40	1987
1988	0.487	0.962	2.95	3.39	0.808	0.267	0.305	0.124	0.064	1.16	3.66	0.378	1.21	1988
1989	0.142	0.433	3.52	2.89	2.90	2.04	0.074	0.066	0.020	0.115	2.39	0.199	1.23	1989
1990	1.09	2.09	4.62	5.98	1.98	0.255	0.392	0.144	0.115	2.54	1.74	4.82	2.15	1990
MEAN	0.980	1.64	5.11	5.04	1.37	0.461	0.319	0.231	0.491	1.08	1.78	1.93	1.69	MEAN

LOCATION - LAT 44 11 30 N DRAINAGE AREA, 152 km²
LONG 075 06 20 W NATURAL FLOW

PAYNE RIVER NEAR BERWICK - STATION NO. 02LB022

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1976	---	---	0.040 ON AUG 07	---	1976
1977	112 AT 23:39 EST ON MAR 13 *	102 ON MAR 14 *	0.076 ON JUL 29	71 600	1977
1978	82.1 AT 21:51 EST ON APR 13	71.1 ON APR 14	0.021 ON SEP 08	88 200	1978
1979	52.9 AT 22:54 EST ON SEP 14	39.0 ON SEP 15	0.012 ON JUL 22	---	1979
1980	34.5 AT 21:52 EST ON APR 09	27.6B ON MAR 22	0.009 ON AUG 26	35 900	1980
1981	---	46.7B ON FEB 21	0.069 ON AUG 03	56 700	1981
1982	---	49.0B ON APR 07	0.005 ON AUG 19	49 700	1982
1983	22.2 AT 17:30 EST ON MAR 19	17.8 ON MAR 19	0.003 ON SEP 14	59 700	1983
1984	30.0 AT 20:38 EST ON APR 05	26.2 ON APR 06	0.016 ON AUG 06	46 700	1984
1985	---	25.4B ON MAR 13	0.002 ON SEP 21 *	41 100	1985
1986	23.7 AT 21:56 EST ON DEC 03	20.0E ON SEP 30	0.101 ON JUN 23	57 200	1986
1987	35.4 AT 05:00 EST ON MAR 26	34.1 ON MAR 26	0.033 ON AUG 27	44 100	1987
1988	25.0 AT 00:09 EST ON MAR 27	21.1B ON MAR 26	0.011 ON JUN 21	38 200	1988
1989	27.9 AT 17:32 EST ON JUN 17	25.0B ON MAR 27	0.009 ON AUG 31	38 900	1989
1990	35.0 AT 14:03 EST ON APR 04	28.4 ON APR 04	0.041B ON JAN 03	67 700	1990
				53 400	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

PEFFERLAW BROOK NEAR UDORA - STATION NO. 02EC018

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1987	---	---	---	5.21	1.44	1.12	3.16	1.47	0.949	2.30	3.73	4.31	---	1987
1988	2.50	2.59	5.31	4.69	3.05	1.48	1.27	1.30	1.73	2.16	2.96	1.61	2.55	1988
1989	1.94	1.81	5.26	3.62	4.59	2.99	0.869	1.61	1.78	2.10	3.55	1.17	2.61	1989
1990	2.77	3.96	12.8	5.15	2.79	1.96	1.46	1.10	1.41	3.31	3.00	3.87	3.64	1990
MEAN	2.40	2.79	7.79	4.67	2.97	1.89	1.69	1.37	1.47	2.47	3.31	2.74	2.93	MEAN

LOCATION - LAT 44 16 04 N DRAINAGE AREA, 332 km²
LONG 079 11 42 W

REMARKS - PRIOR TO 1987, DATA CONTRIBUTED BY ONT. MINISTRY OF THE ENVIRONMENT AS STA. NO. 02EC103

PEFFERLAW BROOK NEAR UDORA - STATION NO. 02EC018

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1987	16.4 AT 10:58 EST ON APR 07	15.7 ON APR 07	---	---	1987
1988	17.4 AT 01:15 EST ON MAR 26	16.8 ON MAR 26	0.680 ON JUL 05	80 700	1988
1989	---	17.4B ON MAR 28	0.652 ON JUL 15 *	82 300	1989
1990	104 E AT 10:13 EST ON MAR 13 *	94.5E ON MAR 13 *	0.713 ON SEP 04	115 000	1990
				92 700	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

PEFFERLAW BROOK NEAR UDORA - STATION NO. 02EC103

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1969	---	---	---	---	---	---	---	---	---	---	---	2.42	---	1969
1970	1.82	1.63	4.55	8.33	2.40	1.11	1.70	1.21	1.89	1.97	2.47	1.97	2.59	1970
1971	1.67	2.00	3.20	9.30	2.02	1.86	1.73	1.56	1.50	2.42	1.72	2.82	2.53	1971
1972	2.13	1.60	2.00	12.5	2.42	2.81	1.38	1.35	1.04	1.60	2.24	2.35	3.02	1972
1973	4.84	2.86	8.59	5.09	3.17	1.80	1.10	1.30	1.03	1.72	3.24	3.15	3.02	1973
1974	2.95	2.17	7.31	6.26	---	1.48	2.29	---	---	2.05	3.63	2.44	3.11	1974
1975	2.43	7.31	7.56	6.03	2.79	1.38	1.07	0.916	1.25	1.24	---	2.63	---	1975
1976	---	---	---	4.56	3.36	1.45	2.03	2.08	2.22	2.46	2.08	2.35	---	1976
1977	1.34	1.17	13.8	3.29	1.61	1.16	1.23	3.02	2.35	3.43	3.55	4.56	3.40	1977
1978	---	---	---	19.0	3.79	1.73	1.08	1.41	1.93	2.22	2.30	2.40	---	1978
1979	---	---	---	5.19	3.61	1.91	1.39	1.59	1.44	2.48	2.78	4.05	---	1979
1980	2.66	1.76	13.6	6.49	2.73	1.95	3.66	1.67	2.34	2.79	2.92	3.18	3.82	1980
1981	1.93	12.7	3.34	3.84	3.14	1.82	1.38	1.98	2.34	2.89	3.37	2.72	3.39	1981
1982	2.67	1.78	8.27	11.8	2.62	2.91	1.64	1.60	2.17	2.50	4.83	5.33	4.01	1982
1983	2.95	5.69	4.26	4.93	4.62	1.74	1.04	1.54	1.38	2.02	3.60	3.52	3.09	1983
1984	2.02	11.4	9.12	6.50	3.82	1.57	1.16	1.36	2.00	1.67	2.68	3.05	3.83	1984
1985	2.31	3.43	7.56	5.84	2.72	1.80	1.99	1.53	2.27	2.57	5.27	2.95	3.35	1985
1986	3.96	3.89	10.9	3.89	3.01	2.38	1.87	3.09	4.46	4.03	2.66	3.25	3.95	1986
MEAN	2.55	4.24	7.43	7.23	2.99	1.82	1.63	1.68	1.98	2.36	3.15	3.08	3.34	MEAN

LOCATION - LAT 44 16 04 N LONG 079 11 42 W
DRAINAGE AREA, 332 km²
NATURAL FLOW

DATA CONTRIBUTED BY - ONTARIO MINISTRY OF THE ENVIRONMENT

REMARKS - BEGINNING 1987, DATA PUBLISHED UNDER STATION NUMBER 02EC018

PEFFERLAW BROOK NEAR UDORA - STATION NO. 02EC103

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1969	---	---	---	---	1969
1970	22.4E AT 14:30 EST ON APR 10	22.1E ON APR 10	0.821 ON AUG 29	81 500	1970
1971	20.1 AT 20:00 EST ON APR 05	18.5 ON APR 05	0.691 ON AUG 21	79 900	1971
1972	---	53.8E ON APR 14	0.804 ON SEP 22	95 400	1972
1973	21.2 AT 07:00 EST ON MAR 08	20.7 ON MAR 08	0.682 ON JUL 19	98 000	1973
1974	43.9 AT 15:06 EST ON MAR 06	42.8 ON MAR 06	0.668 ON JUL 19	---	1974
1975	48.1 AT 03:55 EST ON FEB 26	46.7 ON FEB 26	---	---	1975
1976	---	---	0.872 ON JUN 13	---	1976
1977	55.5 AT 00:30 EST ON MAR 12	50.7 ON MAR 12	0.606 ON JUL 28 *	107 000	1977
1978	36.2 AT 02:06 EST ON APR 09	34.8 ON APR 09	---	---	1978
1979	---	---	0.907 ON JUL 23	---	1979
1980	---	65.1 ON MAR 22 *	1.02 ON JUL 18	121 000	1980
1981	70.0 AT 01:14 EST ON FEB 21	65.0 ON FEB 21	0.864 ON JUL 17	107 000	1981
1982	66.0 AT 22:48 EST ON APR 01	58.0 ON APR 01	0.980 ON AUG 18	126 000	1982
1983	21.3 AT 15:30 EST ON FEB 05	18.7 ON FEB 06	0.753 ON JUL 26	97 400	1983
1984	72.5 AT 05:07 EST ON FEB 16 *	65.0 ON FEB 16	0.853 ON JUL 14	121 000	1984
1985	14.4 AT 07:18 EST ON APR 07	14.0 ON APR 07	0.848 ON AUG 06	106 000	1985
1986	---	28.0E ON MAR 23	1.04 ON JUL 12	125 000	1986
	E - ESTIMATED	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		105 000	MEAN

PERCH LAKE INLET NO. 1 NEAR CHALK RIVER - STATION NO. 02KA004

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1967	---	---	---	---	---	---	---	---	---	---	0.013	0.008	---	1967
1968	0.003	0.003	0.018	0.023	0.006	0.009	0.003	0	0.003	0.002	0.003	0.002	0.006	1968
1969	0.002	0.002	0.006	0.026	0.021	0.006	0.001	0.008	0.002	0.005	0.014	0.006	0.008	1969
1970	0.001	0.001	0.002	0.029	0.018	0.007	0.009	0	0.001	0.005	0.007	0.003	0.007	1970
1971	0.002	0.002	0.005	0.037	0.013	0.003	0	0	0	0	0	0.002	0.005	1971
1972	0.001	0.001	0.002	0.031	0.014	0.008	0.008	0.007	0.005	0.008	0.012	0.005	0.009	1972
1973	0.005	0.003	0.014	0.026	0.013	0.025	0.003	0.004	0.003	0.005	0.008	0.007	0.010	1973
1974	0.004	0.003	0.005	0.039	0.027	0.007	0.003	0.002	0.002	0.003	0.008	0.005	0.009	1974
1975	0.004	0.003	0.006	0.025	0.008	0.005	0	0	0	0.002	0.002	0.004	0.005	1975
1976	0.001	0.001	0.014	0.034	0.013	0.003	0.001	0.001	0.001	0.002	0.004	0.002	0.006	1976
1977	0.001	0.001	0.016	0.017	0.004	0.001	0	0	0.001	0.003	0.005	0.006	0.005	1977
1978	0.004	0.002	0.001	0.020	0.007	0.003	0	0.001	0.001	0.003	0.003	0.002	0.004	1978
1979	0.004	0.006	0.016	0.037	0.016	0.004	0.001	0	0.001	0.007	0.008	0.005	0.009	1979
1980	0.001	0	0.006	0.021	0.011	0.007	0.009	0.003	0.003	0.012	0.008	0.004	0.007	1980
1981	0.003	0.016	0.017	0.019	0.010	0.004	0.001	0.001	0.008	0.008	0.006	0.005	0.008	1981
1982	0.003	0.007	0.010	0.034	0.009	0.012	0.001	0	0.002	0.004	0.008	0.013	0.009	1982
1983	0.003	0.004	0.020	0.033	0.033	0.006	0	0	0.001	0.004	0.008	0.002	0.010	1983
1984	0.002	0.006	0.006	0.035	0.018	0.005	0.006	0	0.001	0.003	0.008	0.005	0.008	1984
1985	0.002	0.004	0.014	0.043	0.013	0.003	0.002	0	0	0.003	0.004	0.002	0.008	1985
1986	0.001	0	0.010	0.023	0.019	0.010	0.001	0.001	0.001	0.004	0.002	0.002	0.006	1986
1987	0.002	0.001	0.014	0.022	0.008	0.004	0	0	0	0.004	0.002	0.003	0.005	1987
1988	0.001	0.001	0.003	---	---	---	---	---	---	---	---	---	---	1988
MEAN	0.002	0.003	0.010	0.029	0.014	0.007	0.002	0.001	0.002	0.004	0.006	0.004	0.007	MEAN

LOCATION - LAT 46 02 10 N LONG 077 22 45 W
DRAINAGE AREA, 0.93 km²
NATURAL FLOW

REMARKS - DISCHARGES TO FOUR SIGNIFICANT FIGURES AVAILABLE FROM REGIONAL OFFICE. STATION DISCONTINUED APR 12 1988

PERCH LAKE INLET NO. 1 NEAR CHALK RIVER - STATION NO. 02KA004

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1967	---	---	---	---	1967
1968	0.156 AT 10:30 EST ON MAR 29	0.105 ON MAR 29	0 B ON JAN 11 *	195	1968
1969	0.125 AT 03:25 EST ON AUG 19	0.071 ON MAY 19	0 ON JUL 09	259	1969
1970	0.127 AT 20:10 EST ON APR 14	0.082 ON APR 14	0 ON JAN 22	217	1970
1971	0.113 AT 01:40 EST ON APR 22	0.082 ON APR 21	0 ON JUN 18	171	1971
1972	0.110 AT 21:05 EST ON APR 24	0.079 ON APR 25	0.001 ON JAN 01	269	1972
1973	0.343E AT 19:15 EST ON JUN 11 *	0.170E ON JUN 11 *	0.001 ON JUL 17	301	1973
1974	0.119 AT 16:56 EST ON MAY 12	0.091 ON APR 17	0 ON AUG 21	286	1974
1975	0.113 AT 10:12 EST ON APR 19	0.099 ON APR 19	0 ON JUN 24	156	1975
1976	0.125 AT 18:21 EST ON APR 01	0.110 ON APR 01	0 ON JUL 19	201	1976
1977	0.071 AT 00:17 EST ON MAR 31	0.057 ON MAR 30	0 ON MAY 25	145	1977
1978	0.057 AT 20:39 EST ON APR 21	0.048 ON APR 21	0 ON JUN 23	122	1978
1979	0.100 AT 02:05 EST ON APR 03	0.082 ON APR 03	0 ON JUL 11	277	1979
1980	0.051 AT 22:33 EST ON JUL 28	0.041 ON APR 09	0 ON JAN 08	225	1980
1981	0.101 AT 15:07 EST ON MAR 30	0.078 ON MAR 30	0 ON JUL 11	251	1981
1982	0.117 AT 13:57 EST ON APR 16	0.096 ON APR 17	0 ON JUL 16	268	1982
1983	0.169 AT 22:31 EST ON MAY 07	0.126 ON MAR 19	0 ON JUL 10	301	1983
1984	0.153 AT 06:34 EST ON APR 06	0.129 ON APR 06	0 ON AUG 04	248	1984
1985	0.121 AT 12:42 EST ON APR 16	0.110 ON APR 16	0 ON AUG 04	237	1985
1986	0.098 AT 14:18 EST ON APR 01	0.082E ON MAR 30	0 ON JAN 06	193	1986
1987	0.086 AT 15:29 EST ON APR 06	0.079 ON APR 06	0 ON JUN 19	160	1987
1988	---	---	0 ON JAN 10	---	1988
				224	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

PERCH LAKE INLET NO. 2 NEAR CHALK RIVER - STATION NO. 02KA005

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1967	---	---	---	---	---	---	---	---	---	---	0.044	0.022	---	1967
1968	0.010	0.004	0.041	0.095	0.028	0.023	0.024	0.003	0.016	0.008	0.013	0.009	0.023	1968
1969	0.008	0.009	0.016	0.081	0.087	0.024	0.009	0.039	0.013	0.020	0.055	0.019	0.032	1969
1970	0.004	0.002	0.006	0.097	0.079	0.027	0.038	0.001	0.004	0.018	0.021	0.013	0.026	1970
1971	0.006	0.008	0.012	0.131	0.076	0.016	0	0	0	0	0.003	0.007	0.022	1971
1972	0.004	0.003	0.005	0.101	0.090	0.040	0.037	0.042	0.028	0.043	0.048	0.021	0.039	1972
1973	0.021	0.018	0.065	0.201	0.063	0.122	0.033	0.020	0.015	0.024	0.028	0.020	0.053	1973
1974	0.013	0.010	0.018	0.171	0.126	0.028	0.008	0.011	0.006	0.008	0.044	0.014	0.038	1974
1975	0.010	0.007	0.014	0.116	0.051	0.027	0	0	0	0.010	0.006	0.007	0.020	1975
1976	0	0.001	0.022	0.184	0.064	0.013	0.005	0	0.002	0.003	0.008	0.004	0.025	1976
1977	0.001	0.001	0.040	0.095	0.017	0.003	0	0.001	0.009	0.019	0.023	0.021	0.019	1977
1978	0.014	0.009	0.006	0.135	0.056	0.020	0.005	0.009	0.008	0.017	0.010	0.009	0.025	1978
1979	0.012	0.011	0.042	0.188	0.066	0.016	0.005	0.001	0.004	0.045	0.032	0.021	0.037	1979
1980	0.003	0	0.031	0.118	0.049	0.027	0.039	0.014	0.019	0.050	0.027	0.021	0.033	1980
1981	0.012	0.064	0.076	0.130	0.057	0.022	0.002	0.004	0.043	0.033	0.019	0.013	0.039	1981
1982	0.007	0.008	0.013	0.113	0.029	0.046	0.002	0	0.011	0.016	0.027	0.038	0.026	1982
1983	0.014	0.010	0.050	0.121	0.146	0.027	0.001	0	0.002	0.014	0.029	0.013	0.036	1983
1984	0.006	0.014	0.018	0.140	0.052	0.015	0.019	0.001	0.003	0.008	0.027	0.023	0.027	1984
1985	---	---	---	---	---	---	---	---	0	0.004	0.010	0.006	---	1985
1986	0.003	0	0.018	0.084	0.049	0.028	0.003	0.004	0.003	0.010	0.004	0.006	0.018	1986
1987	0.005	0.004	0.032	0.091	0.022	0.013	0.004	0	0	0.006	0.008	0.012	0.017	1987
1988	0.004	0.001	0.007	---	---	---	---	---	---	---	---	---	---	1988
MEAN	0.008	0.009	0.027	0.126	0.064	0.028	0.012	0.008	0.009	0.018	0.023	0.016	0.029	MEAN

LOCATION - LAT 46 02 12 N, LONG 077 22 32 W
DRAINAGE AREA, 3.6 km²
NATURAL FLOW

REMARKS - RECORDER INOPERATIVE JAN 8-AUG 18 85. DISCHARGES TO 4 SIGNIF FIG AVAIL. FROM REGNL OFC. STA DISCONT. APR 12 88

PERCH LAKE INLET NO. 2 NEAR CHALK RIVER - STATION NO. 02KA005

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1967	---	---	---	---	1967
1968	0.303 AT 23:00 EST ON MAR 30	0.266 ON MAR 31	0 ON JUL 27 *	721	1968
1969	0.368 AT 22:39 EST ON AUG 18	0.258 ON AUG 19	0 ON JUL 18	1 000	1969
1970	0.422 AT 18:08 EST ON MAY 12	0.289 ON MAY 12	0 ON AUG 07	819	1970
1971	0.317 AT 15:45 EST ON APR 29	0.269 ON APR 29	0 ON JUN 30	684	1971
1972	0.377 AT 20:00 EST ON MAY 01	0.348 ON MAY 01	0.003 ON JAN 16	1 220	1972
1973	0.467 AT 04:41 EST ON JUN 12	0.366 ON JUN 12	0.002 ON SEP 09	1 670	1973
1974	0.476 AT 05:14 EST ON APR 15	0.391 ON APR 24	0 ON JUL 22	1 190	1974
1975	0.351 AT 21:34 EST ON APR 23	0.340 ON APR 24	0 ON JUN 25	646	1975
1976	0.423 AT 16:55 EST ON APR 06	0.357E ON APR 05	0 E ON JUN 11	806	1976
1977	0.229 AT 14:17 EST ON MAR 31	0.204 ON MAR 31	0 ON MAY 26	611	1977
1978	0.368 AT 01:05 EST ON APR 23	0.345 ON APR 22	0 ON JUL 04	780	1978
1979	0.271 AT 20:27 EST ON APR 14	0.261E ON APR 28	0 ON JUL 13	1 170	1979
1980	0.236 AT 23:13 EST ON APR 09	0.214 ON APR 10	0 ON FEB 06	1 050	1980
1981	0.414 AT 15:53 EST ON MAR 30	0.376 ON MAR 31	0 ON JUL 15	1 430	1981
1982	0.286 AT 20:13 EST ON APR 17	0.273 ON APR 17	0 ON JUL 17	913	1982
1983	0.479 AT 01:57 EST ON MAY 08 *	0.437 ON MAY 08 *	0 ON JUL 12	1 130	1983
1984	0.317 AT 06:08 EST ON APR 06	0.301 ON APR 06	0 ON AUG 09	854	1984
1985	---	---	---	---	1985
1986	0.247 AT 04:05 EST ON APR 02	0.233 ON APR 02	0 ON FEB 01	556	1986
1987	0.295 AT 20:55 EST ON APR 06	0.285 ON APR 06	0 ON JUN 23	522	1987
1988	---	---	0 ON FEB 09	---	1988
				920	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

PERCH LAKE INLET NO. 3 NEAR CHALK RIVER - STATION NO. 02KA006

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1967	---	---	---	---	---	---	---	---	---	---	0.007	0.006	---	1967
1968	0.001	0.001	0.005	0.014	0.005	0.005	0.002	0	0.001	0.001	0.001	0.001	0.003	1968
1969	0.001	0.001	0.002	0.014	0.014	0.004	0.002	0.003	0.001	0.001	0.005	0.003	0.004	1969
1970	0.001	0.002	0.001	0.015	0.010	0.005	0.004	0	0	0.002	0.003	0.001	0.004	1970
1971	0	0.001	0.001	0.021	0.008	0.003	0	0	0	0	0	0.001	0.003	1971
1972	0	0	0	0.018	0.013	0.007	0.008	0.005	0.003	0.006	0.009	0.004	0.006	1972
1973	0.004	0.003	0.014	0.038	0.016	0.023	0.003	0.003	0.001	0.003	0.004	0.003	0.009	1973
1974	0.002	0.001	0.002	0.030	0.025	0.005	0.001	0.001	0.001	0.001	0.005	0.001	0.006	1974
1975	0.001	0.001	0.002	0.019	0.007	0.004	0	0	0	0.001	0	0	0.003	1975
1976	0	0	0.004	0.027	0.013	0.003	0.001	0	0	0	0.001	0	0.004	1976
1977	0	0	0.006	0.014	0.003	0	0	0	0	0.001	0.002	0.002	0.002	1977
1978	0.001	0	0	0.020	0.010	0.003	0	0.001	0	0.001	0.001	0.001	0.003	1978
1979	0.001	0.001	0.005	0.029	0.014	0.003	0.001	0	0.001	0.004	0.004	0.003	0.006	1979
1980	0.001	0	0.005	0.020	0.009	0.006	0.006	0.002	0.002	0.007	0.004	0.003	0.005	1980
1981	0.002	0.012	0.014	0.024	0.013	0.005	0.001	0.001	0.008	0.005	0.003	0.002	0.007	1981
1982	0.002	0.002	0.003	0.019	0.007	0.007	0.001	0	0.001	0.002	0.003	0.005	0.004	1982
1983	0.002	0.003	0.008	0.024	0.026	0.005	0.001	0	0.001	0.002	0.003	0.002	0.006	1983
1984	0.001	0.002	0.002	0.022	0.012	0.003	0.005	0	0.001	0.002	0.003	0.003	0.005	1984
1985	0.002	0.003	0.005	0.029	0.010	0.003	0.002	0	0	0.002	0.002	0.002	0.005	1985
1986	0	0	0.003	0.011	0.009	0.005	0	0	0	0.001	0	0	0.003	1986
1987	0	0	0.005	0.013	0.004	---	---	---	---	---	---	---	---	1987
MEAN	0.001	0.002	0.004	0.021	0.011	0.005	0.002	0.001	0.001	0.002	0.003	0.002	0.005	MEAN

LOCATION - LAT 46 01 49 N LONG 077 22 17 W
DRAINAGE AREA, 0.81 km²
NATURAL FLOW

REMARKS - DISCHARGES TO FOUR SIGNIFICANT FIGURES AVAILABLE FROM REGIONAL OFFICE. DISCONTINUED JUN 09 1987

PERCH LAKE INLET NO. 3 NEAR CHALK RIVER - STATION NO. 02KA006

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1967	---	---	---	---	1967
1968	0.116 AT 21:15 EST ON MAR 31	0.034 ON MAR 31	0B ON JAN 13 *	100	1968
1969	0.113 AT 03:35 EST ON MAY 19	0.051 ON MAY 19	0 ON MAR 18	133	1969
1970	0.098 AT 15:00 EST ON JUL 20	0.057 ON JUL 20	0 ON JUL 09	117	1970
1971	0.065 AT 22:45 EST ON APR 23	0.054 ON APR 23	0 ON JAN 01	91.2	1971
1972	0.085 AT 23:20 EST ON APR 30	0.065 ON APR 30	0 ON JAN 01	123	1972
1973	0.122 AT 22:00 EST ON APR 16	0.093 ON APR 16	0 ON JUL 23	296	1973
1974	0.102 AT 15:01 EST ON MAY 12	0.074 ON MAY 12	0 ON JUL 11	199	1974
1975	0.079 AT 01:58 EST ON APR 24	0.068 ON APR 24	0 ON JUN 20	91.8	1975
1976	0.074 AT 00:46 EST ON APR 16	0.062 ON APR 15	0 ON JAN 01	127	1976
1977	0.045 AT 01:41 EST ON MAR 31	0.034 ON MAR 30	0 ON JAN 01	70.9	1977
1978	0.065 AT 18:56 EST ON APR 21	0.057 ON APR 21	0 ON JAN 01	102	1978
1979	0.064 AT 15:10 EST ON APR 14	0.056 ON APR 14	0 ON JUL 10	175	1979
1980	0.052 AT 06:05 EST ON APR 09	0.044 ON APR 09	0 ON JAN 06	170	1980
1981	---	0.095 ON MAR 30	0 ON JUL 12	232	1981
1982	0.087 AT 15:56 EST ON APR 17	0.079 ON APR 17	0 ON JUL 16	140	1982
1983	---	0.092A ON MAY 08	0 ON JUL 13	201	1983
1984	0.088 AT 07:54 EST ON APR 06	0.073 ON APR 06	0 ON JUL 05	149	1984
1985	0.131E AT 12:34 EST ON APR 22 *	0.109 ON APR 22 *	0 ON AUG 02	156	1985
1986	0.055 AT 13:37 EST ON APR 01	0.041 ON APR 01	0 ON JAN 01	81.8	1986
1987	0.047 AT 18:18 EST ON APR 05	0.044 ON APR 06	---	---	1987
				149	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX)
B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

PERCH LAKE INLET NO. 4 NEAR CHALK RIVER - STATION NO. 02KA007

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1967	---	---	---	---	---	---	---	---	---	---	0.004	0.002	---	1967
1968	0	0.001	0.003	0.007	0.002	0.003	0.001	0	0.002	0.001	0	0.001	0.002	1968
1969	0	0.001	0.003	0.009	0.007	0.002	0.001	0.001	0.001	0.001	0.005	0.002	0.003	1969
1970	0.002	0.001	0.001	0.009	0.004	0.002	0.002	0	0.001	0.002	0.002	0.001	0.002	1970
1971	0	0.001	0	0.014	0.004	0.001	0	0	0	0	0.001	0.001	0.002	1971
1972	0	0	0.001	0.013	0.005	0.003	0.004	0.003	0.002	0.003	0.005	0.002	0.003	1972
1973	0.002	0.001	0.006	0.014	0.005	0.009	0.001	0.001	0	0.001	0.003	0.003	0.004	1973
1974	0.001	0.001	0.001	0.017	0.009	0.002	0	0.001	0.001	0.001	0.002	0.001	0.003	1974
1975	0.001	0.001	0.002	0.014	0.003	0.002	0	0	0	0.001	0.001	0.001	0.002	1975
1976	0	0	0.005	0.013	0.006	0.001	0.001	0	0.001	0	0.001	0	0.002	1976
1977	0	0	0.005	0.007	0.001	0	0	0	0.001	0.001	0.001	0.002	0.002	1977
1978	0.001	0.001	0.001	0.013	0.004	0.001	0	0.001	0	0.002	0.001	0.001	0.002	1978
1979	0.002	0.002	0.006	0.013	0.005	0.002	0.001	0.001	0.001	0.003	0.003	0.002	0.003	1979
1980	0.001	0	0.004	0.009	0.004	0.003	0.003	0.002	0.002	0.004	0.003	0.002	0.003	1980
1981	0.002	0.008	0.006	0.009	0.005	0.002	0.001	0.001	0.004	0.003	0.002	0.002	0.004	1981
1982	0.002	0.002	0.002	0.011	0.003	0.004	0.001	0	0.002	0.002	0.003	0.004	0.003	1982
1983	0.002	0.002	0.006	0.010	0.013	0.002	0.001	0	0.001	0.002	0.002	0.002	0.004	1983
1984	0.002	0.002	0.002	0.011	0.005	0.002	0.002	0.001	0.001	0.002	0.002	0.002	0.003	1984
1985	0.002	0.002	0.004	0.014	0.003	0.002	0.002	0	0.001	0.002	0.002	0.002	0.003	1985
1986	0	0	0.002	0.007	0.005	0.003	0	0	0	0.001	0	0	0.002	1986
1987	0	0	0.004	0.007	0.002	---	---	---	---	---	---	---	---	1987
MEAN	0.001	0.001	0.003	0.011	0.005	0.002	0.001	0.001	0.001	0.002	0.002	0.002	0.003	MEAN

LOCATION - LAT 46 01 48 N LONG 077 22 31 W
DRAINAGE AREA, 0.24 km²
NATURAL FLOW

REMARKS - DISCHARGES TO FOUR SIGNIFICANT FIGURES AVAILABLE FROM REGIONAL OFFICE. DISCONTINUED JUN 09 1987

PERCH LAKE INLET NO. 4 NEAR CHALK RIVER - STATION NO. 02KA007

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1967	---	---	---	---	1967
1968	0.045 AT 17:50 EST CN MAR 29	0.022 CN MAR 29	0B CN JAN 03 *	54.4	1968
1969	0.031 AT 10:30 EST CN APR 10	0.025 CN APR 10	0 CN JAN 01	87.4	1969
1970	0.042 AT 17:20 EST CN JUL 20	0.028 CN JUL 20	0 CN JUL 09	72.1	1970
1971	0.037 AT 01:00 EST CN APR 22	0.034 CN APR 21	0 CN JAN 09	57.5	1971
1972	0.042 AT 20:30 EST CN APR 24	0.034 CN APR 24	0 CN JAN 02	109	1972
1973	0.051 AT 00:10 EST CN JUN 12	0.045 CN APR 02	0 CN JUL 16	124	1973
1974	0.071E AT 10:30 EST CN APR 24	0.051E CN APR 23	0 CN JUN 28	96.6	1974
1975	0.088 AT 08:40 EST CN APR 20	0.079 CN APR 20 *	0 CN MAY 25	63.2	1975
1976	0.074 AT 13:53 EST CN APR 01	0.062 CN APR 01	0 CN JAN 05	73.6	1976
1977	0.034 AT 00:30 EST CN MAR 31	0.027 CN MAR 30	0 CN JAN 01	50.9	1977
1978	---	0.034 CN APR 21	0 CN MAR 08	71.3	1978
1979	0.044 AT 00:22 EST CN APR 03	0.036 CN MAR 25	0 CN JUL 13	107	1979
1980	0.029 AT 07:26 EST CN APR 09	0.024 CN APR 09	0 CN FEB 04	98.4	1980
1981	0.070 AT 16:52 EST CN FEB 23	0.048 CN FEB 23	0 CN JUL 14	115	1981
1982	0.041 AT 08:35 EST CN APR 17	0.036 CN APR 17	0 CN JUL 22	93.5	1982
1983	0.101 AT 19:23 EST CN MAY 07 *	0.070E CN MAY 08	0 CN JUL 14	114	1983
1984	---	0.052E CN APR 06	0 CN AUG 11	90.9	1984
1985	0.051 AT 16:02 EST CN APR 22	0.045 CN APR 22	0 CN AUG 06	94.4	1985
1986	0.041 AT 15:07 EST CN APR 01	0.031 CN APR 01	0 CN JAN 01	51.8	1986
1987	0.032 AT 15:55 EST CN MAR 30	0.025 CN MAR 30	---	---	1987
				85.5	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

PERCH LAKE INLET NO. 5 NEAR CHALK RIVER - STATION NO. 02KA008

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1972	0	0	0	0.006	0.002	0.001	0.002	0.001	0.001	0.002	0.002	0.001	0.001	1972
1973	0.001	0	0.003	0.006	0.002	0.004	0	0	0	0	0	0	0.001	1973
1974	0	0	0	0.007	0.004	0	0	0	0	0	0.001	0	0.001	1974
1975	0	0	0	0.005	0.001	0	0	0	0	0	0	0	0.001	1975
1976	0	0	0.002	0.006	0.002	0	0	0	0	0	0	0	0.001	1976
1977	0	0	0.002	0.004	0.001	0	0	0	0	0	0.001	0.001	0.001	1977
1978	0	0	0	0.006	0.002	0	0	0	0	0	0	0	0.001	1978
1979	0	0	0.002	0.007	0.002	0	0	0	0	0	0.001	0.001	0.001	1979
1980	0	0	0.001	0.005	0.002	0.001	0.001	0	0	0.002	0.001	0.001	0.001	1980
1981	0	0.003	0.003	0.004	0.002	0.001	0	0	0	0.001	0.001	0.001	0.001	1981
1982	0	0	0.001	0.006	0.001	0.001	0	0	0	0	0.001	0.002	0.001	1982
1983	0.001	0.001	0.003	0.004	0.002	0.001	0	0	0	0	0	0.001	0.001	1983
1984	0	0.001	0.001	0.006	0.002	0.001	0.001	0	0	0	0	0.001	0.001	1984
1985	0	0	0.002	0.007	0.001	0	0	0	0	0	0	0	0.001	1985
1986	0	0	0.001	0.004	0.002	0.001	0	0	0	0	0	0	0.001	1986
1987	0	0	0.002	0.003	0.001	---	---	---	---	---	---	---	---	1987
MEAN	0	0	0.001	0.005	0.002	0.001	0	0	0	0	0.001	0.001	0.001	MEAN

LOCATION - LAT 46 01 58 N DRAINAGE AREA, 0.11 km^2
LONG 077 22 43 W NATURAL FLOW

REMARKS - DISCHARGES TO FOUR SIGNIFICANT FIGURES AVAILABLE FROM REGIONAL OFFICE. DICONTINUED JUN 09 1987

PERCH LAKE INLET NO. 5 NEAR CHALK RIVER - STATION NO. 02KA008

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1972	0.025 AT 10:30 EST CN JUL 25	0.016A CN APR 24	0E CN JAN 01 *	45.6	1972
1973	0.040 AT 10:45 EST CN JUN 11	0.021 CN APR 01	0 CN JAN 06	41.8	1973
1974	0.031 AT 09:58 EST CN APR 17	0.018B CN APR 14	0E CN JAN 01	30.7	1974
1975	---	0.040A CN APR 19 *	0E CN JAN 01	18.8	1975
1976	0.042 AT 08:36 EST CN APR 01 *	0.029 CN APR 01	0B CN JAN 01	29.3	1976
1977	0.024 AT 21:21 EST CN MAR 30	0.015 CN MAR 30	0 CN JAN 01	27.9	1977
1978	0.022 AT 00:50 EST CN APR 21	0.017 CN APR 20	0 CN JAN 01	23.8	1978
1979	0.028 AT 20:35 EST CN APR 02	0.020 CN APR 02	0 CN JAN 01	41.3	1979
1980	0.017 AT 01:12 EST CN APR 09	0.012 CN APR 09	0 CN JAN 04	39.3	1980
1981	0.030 AT 17:49 EST CN MAR 30	0.023A CN MAR 30	0 CN JAN 15	42.6	1981
1982	0.015 AT 08:15 EST CN APR 17	0.027 CN APR 17	0 CN JAN 12	32.8	1982
1983	0.017 AT 20:28 EST CN MAY 07	0.027 CN MAY 07	0 CN JUN 15	39.8	1983
1984	0.041 AT 00:07 EST CN APR 06	0.023 CN APR 06	0 CN JAN 01	31.1	1984
1985	0.036 AT 09:11 EST CN APR 22	0.024 CN APR 22	0B CN JAN 01	28.3	1985
1986	0.026 AT 10:32 EST CN APR 01	0.018 CN APR 01	0 CN JAN 01	21.9	1986
1987	0.019 AT 16:46 EST CN MAR 30	0.014 CN MAR 30	---	---	1987
				32.6	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX)
B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

PERCH LAKE OUTLET NEAR CHALK RIVER - STATION NO. 02KA003

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1966	---	---	---	---	---	---	---	---	---	0.001	0.069	0.115	---	1966
1967	0.038	0.031	0.035	0.283	0.108	0.167	0.048	0.003	0.014	0.136	0.127	0.056	0.087	1967
1968	0.024	0.041	0.071	0.209	0.049	0.046	0.049	0.008	0.027	0.020	0.029	0.029	0.050	1968
1969	0.024	0.031	0.030	0.178	0.165	0.040	0.013	0.064	0.025	0.037	0.111	0.041	0.063	1969
1970	0.010	0.011	0.018	0.165	0.136	0.050	0.065	0.005	0.005	0.042	0.049	0.035	0.049	1970
1971	0.022	0.032	0.035	0.216	0.129	0.032	0.001	0	0	0	0.008	0.028	0.042	1971
1972	0.017	0.020	0.028	0.188	0.181	0.069	0.076	0.064	0.048	0.061	0.095	0.052	0.075	1972
1973	0.045	0.035	0.108	0.215	0.119	0.226	0.042	0.037	0.016	0.036	0.044	0.060	0.090	1973
1974	0.031	0.032	0.038	0.271	0.233	0.051	0.015	0.024	0.010	0.016	0.076	0.037	0.069	1974
1975	0.031	0.022	0.034	0.175	0.091	0.051	0	0	0	0.008	0.017	0.027	0.038	1975
1976	0.014	0.015	0.051	0.291	0.120	0.028	0.014	0.002	0.004	0.008	0.020	0.016	0.048	1976
1977	0.011	0.011	0.066	0.179	0.035	0.004	0.001	0	0.012	0.036	0.049	0.052	0.038	1977
1978	0.034	0.022	0.014	0.211	0.115	0.032	0.006	0.015	0.018	0.025	0.019	0.027	0.045	1978
1979	0.037	0.028	0.073	0.302	0.145	0.032	0.013	0.005	0.007	0.062	0.062	0.053	0.068	1979
1980	0.018	0.006	0.050	0.205	0.091	0.046	0.074	0.033	0.027	0.085	0.058	0.051	0.062	1980
1981	0.024	0.116	0.142	0.237	0.092	0.033	0.006	0.007	0.091	0.053	0.038	0.035	0.072	1981
1982	0.024	0.021	0.035	0.195	0.050	0.093	0.011	0	0.010	0.032	0.051	0.082	0.050	1982
1983	0.041	0.026	0.093	0.197	0.244	0.048	0.003	0	0.002	0.022	0.053	0.035	0.064	1983
1984	0.019	0.027	0.034	0.238	0.104	0.031	0.037	0.005	0.006	0.013	0.047	0.044	0.050	1984
1985	0.030	0.025	0.067	0.271	0.096	0.025	0.014	---	---	0.012	0.023	0.023	---	1985
1986	0.015	0.008	0.030	0.165	0.101	0.057	0.007	0.010	0.005	0.024	0.014	0.021	0.038	1986
1987	0.015	0.013	0.050	0.161	0.045	0.024	0.010	0	0	0.001	0.033	0.030	0.032	1987
1988	0.015	0.012	0.016	0.212	0.074	0.003	0.002	0.037	0.012	0.036	0.048	0.019	0.040	1988
1989	0.017	0.012	0.026	0.145	0.128	0.053	0.007	0	0	0.018	0.057	0.027	0.041	1989
1990	0.031	0.026	0.077	0.183	0.055	0.046	0.021	0	0	0.024	0.058	0.054	0.048	1990
MEAN	0.024	0.026	0.051	0.216	0.113	0.054	0.022	0.014	0.015	0.032	0.050	0.042	0.055	MEAN

LOCATION - LAT 46 02 08 N DRAINAGE AREA, 7.3 km²
LONG 077 22 15 W NATURAL FLOW

REMARKS - DISCHARGES TO FOUR SIGNIFICANT FIGURES AVAILABLE FROM REGIONAL OFFICE.

PERCH LAKE OUTLET NEAR CHALK RIVER - STATION NO. 02KA003

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1966	---	---	---	---	1966
1967	0.504 AT 21:00 EST ON APR 18	0.484 ON APR 18	0 ON AUG 16 *	2 750	1967
1968	0.484 AT 14:20 EST ON APR 01	0.453 ON APR 01	0.002 ON SEP 01	1 580	1968
1969	0.317 AT 04:30 EST ON MAY 19	0.306 ON MAY 20	0.002 ON JUL 23	2 000	1969
1970	0.357 AT 12:10 EST ON APR 22	0.340 ON APR 22	0 ON AUG 18	1 560	1970
1971	0.436 AT 12:35 EST ON APR 26	0.428 ON APR 26	0 ON JUL 09	1 320	1971
1972	0.521 AT 19:10 EST ON MAY 02	0.510 ON MAY 02	0.012A ON FEB 02	2 370	1972
1973	0.595 AT 16:00 EST ON JUN 12 *	0.583 ON JUN 12 *	0.006 ON SEP 14	2 820	1973
1974	0.564 AT 00:45 EST ON APR 24	0.541 ON APR 24	0.002 ON SEP 07	2 190	1974
1975	0.473 AT 00:18 EST ON APR 25	0.467 ON APR 25	0 ON JUL 03	1 190	1975
1976	0.467 AT 21:02 EST ON APR 06	0.462 ON APR 06	0 ON JUL 31	1 530	1976
1977	0.303 AT 09:14 EST ON APR 03	0.297 ON APR 03	0 ON JUN 15	1 200	1977
1978	0.467 AT 03:11 EST ON APR 24	0.464 ON APR 23	0 A ON NOV 13	1 410	1978
1979	0.378 AT 10:11 EST ON APR 18	0.366 ON APR 18	0 ON AUG 26	2 150	1979
1980	0.317 AT 17:12 EST ON APR 15	0.310 ON APR 15	0.004 ON FEB 16	1 960	1980
1981	0.516 AT 06:03 EST ON APR 02	0.505 ON APR 02	0 ON JUL 22	2 280	1981
1982	0.426 AT 23:42 EST ON APR 17	0.413 ON APR 18	0 ON JUL 24	1 580	1982
1983	0.544 AT 23:14 EST ON MAY 08	0.525 ON MAY 08	0 ON JUL 18	2 010	1983
1984	0.459 AT 03:42 EST ON APR 07	0.444 ON APR 07	0 ON AUG 27	1 590	1984
1985	0.521 AT 02:04 EST ON APR 24	0.513 ON APR 23	0 ON AUG 12	---	1985
1986	0.342 AT 19:31 EST ON APR 02	0.336 ON APR 02	0 ON JUL 20	1 200	1986
1987	0.364 AT 16:43 EST ON APR 07	0.358 ON APR 07	0 ON JUL 27	1 000	1987
1988	0.569 AT 11:46 EST ON MAY 17	0.484 ON MAY 17	0 ON JUN 15	1 270	1988
1989	0.427 AT 05:31 EST ON MAY 11	0.361 ON MAY 11	0 ON JUL 24	1 280	1989
1990	0.267 AT 02:39 EST ON APR 06	0.259 ON APR 06	0 ON AUG 07	1 510	1990
				1 730	MEAN

A - MANUAL GAUGE
(SEE REFERENCE INDEX)

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

PETAWAWA RIVER NEAR PETAWAWA - STATION NO. 02KB001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1916	17.9	21.6	21.6	79.0	123	101	62.3	28.1	19.6	20.9	33.9	34.6	47.0	1916
1917	15.2	17.1	16.5	98.6	144	68.7	73.9	58.8	19.3	19.2	18.4	19.3	49.4	1917
1918	14.2	13.5	13.7	52.2	89.6	37.5	36.8	20.0	16.3	33.6	61.5	43.2	36.0	1918
1919	44.7	34.3	33.4	111	138	114	82.4	27.1	17.8	19.2	32.7	29.9	55.4	1919
1920	26.9	22.5	25.2	62.7	75.7	45.5	51.1	30.4	19.8	16.9	18.2	19.7	34.6	1920
1921	19.6	18.2	39.7	112	88.4	51.2	41.1	19.2	10.7	9.42	11.9	13.9	38.0	1921
1922	13.3	13.1	16.3	147	114	64.1	40.3	40.1	24.0	15.5	17.4	20.3	44.7	1922
1923	16.0	13.2	13.0	49.7	102	99.3	55.5	25.7	23.3	14.3	12.2	18.7	44.6	1923
1924	19.2	18.8	18.7	60.5	163	117	74.0	35.8	15.3	12.6	10.7	12.8	46.7	1924
1925	11.6	11.2	14.8	85.7	85.6	90.0	73.0	33.4	15.5	10.9	15.3	21.6	40.8	1925
1926	18.6	16.0	14.5	82.2	144	97.3	69.5	65.9	20.5	13.5	26.4	48.0	48.2	1926
1927	18.1	15.0	20.3	86.1	80.6	98.6	67.9	40.6	26.2	18.4	23.7	41.4	49.2	1927
1928	38.1	32.8	29.1	163	200	97.9	58.8	27.0	21.6	69.4	103	81.6	69.9	1928
1929	58.9	57.1	60.0	209	215	101	60.8	10.2	11.2	7.89	9.70	9.18	68.0	1929
1930	9.60	10.9	13.9	44.9	103	62.6	57.7	34.2	13.6	9.48	8.69	8.38	31.5	1930
1931	7.93	7.85	7.29	25.1	46.5	40.2	35.0	18.0	9.07	6.39	7.02	11.6	18.5	1931
1932	24.1	32.9	27.6	84.8	112	67.8	28.9	20.6	25.3	30.2	72.6	57.7	49.3	1932
1933	54.8	41.4	31.4	119	141	65.6	29.2	20.5	13.0	11.4	10.6	12.8	44.2	1933
1934	13.1	12.0	12.2	53.9	156	73.6	55.4	35.6	12.1	9.69	16.1	28.1	40.1	1934
1935	24.1	17.8	18.1	65.4	76.6	65.2	82.7	56.4	19.1	13.9	15.2	16.9	39.4	1935
1936	16.9	16.0	19.3	65.5	176	99.9	57.5	25.8	13.6	19.3	29.0	26.1	47.2	1936
1937	38.1	37.9	33.2	83.8	137	75.7	57.2	33.6	14.0	13.6	27.6	33.0	48.8	1937
1938	27.5	27.2	45.1	194	130	78.7	54.5	26.9	22.7	26.9	21.8	20.4	57.0	1938
1939	20.5	20.5	21.3	41.3	136	58.2	51.7	45.2	15.5	13.7	18.3	19.4	38.2	1939
1940	13.2	12.3	13.0	29.8	98.2	88.7	49.8	30.9	21.8	20.6	27.0	33.8	36.6	1940
1941	31.4	30.0	30.0	116	81.7	40.3	33.6	22.5	9.41	9.14	23.9	23.7	37.7	1941
1942	28.0	23.2	26.7	129	171	97.3	40.1	24.8	13.1	12.7	14.9	23.7	43.7	1942
1943	22.7	20.5	23.7	142	223	106	51.1	18.5	12.5	16.4	21.9	27.1	47.1	1943
1944	22.4	19.9	18.2	33.8	87.0	55.8	38.1	16.8	11.4	15.1	18.1	22.9	30.0	1944
1945	21.0	17.9	45.3	117	85.5	71.1	44.8	22.2	15.8	17.7	23.7	23.1	42.1	1945
1946	24.1	25.6	46.8	93.0	57.3	52.3	30.7	14.3	10.8	10.9	14.9	20.3	33.4	1946
1947	25.2	26.4	31.8	136	247	146	78.5	49.4	46.9	49.0	38.7	45.9	77.0	1947
1948	46.6	40.3	53.9	169	106	65.3	34.8	22.5	13.9	12.1	17.7	27.1	50.6	1948
1949	30.3	33.4	32.0	165	136	82.2	33.8	15.3	9.77	8.30	8.16	10.5	45.3	1949
1950	18.9	27.2	21.9	72.2	90.0	53.4	26.9	18.2	19.0	17.9	37.7	33.3	38.0	1950
1951	41.8	39.1	35.6	216	193	81.3	44.7	25.8	17.2	20.2	36.4	39.7	69.2	1951
1952	41.3	36.0	33.7	148	147	70.4	30.4	20.0	15.5	11.7	10.2	20.2	48.4	1952
1953	20.4	20.2	20.3	107	85.8	32.9	19.1	11.2	8.98	7.75	7.98	14.5	29.6	1953
1954	19.9	19.0	29.6	110	110	102	54.0	35.6	30.3	61.5	67.4	53.2	57.8	1954
1955	43.3	33.7	27.9	167	94.8	39.9	22.2	13.5	8.52	10.9	25.4	24.6	42.5	1955
1956	21.1	17.8	16.9	60.2	133	76.5	48.1	37.5	46.2	35.4	33.3	40.8	47.7	1956
1957	33.3	28.6	35.2	47.5	67.0	46.3	95.3	35.3	30.9	35.3	66.5	65.2	48.2	1957
1958	57.3	42.0	33.0	90.1	83.2	49.2	58.0	34.0	24.4	22.2	24.1	22.6	45.0	1958
1959	21.8	19.7	18.1	80.7	125	57.8	27.8	22.8	26.5	31.6	53.6	71.3	46.5	1959
1960	48.0	36.9	31.2	170	165	62.0	51.0	32.3	15.3	14.7	16.3	16.6	55.0	1960
1961	11.6	13.3	14.8	56.8	90.2	52.1	53.0	50.8	25.3	19.2	16.9	27.9	36.3	1961
1962	22.4	21.6	19.6	78.6	114	43.0	19.5	10.3	6.68	7.46	12.0	19.1	31.5	1962
1963	16.0	10.5	8.19	113	80.4	46.6	22.8	12.1	16.1	12.2	21.7	29.1	32.4	1963
1964	20.7	18.9	20.2	68.1	64.8	29.3	13.4	7.33	6.87	7.24	7.71	13.4	23.1	1964
1965	16.7	15.4	15.9	47.5	175	43.7	20.7	20.7	22.9	55.6	68.7	65.7	47.7	1965
1966	27.6	26.5	44.7	112	128	68.1	29.6	14.4	10.1	10.5	31.8	113	56.4	1966
1967	50.5	38.4	38.5	145	110	58.5	35.5	15.8	10.0	40.3	65.0	54.9	59.7	1967
1968	37.4	27.4	32.6	144	63.7	55.6	35.0	17.2	13.9	10.1	13.8	24.1	38.6	1968
1969	25.9	22.8	19.8	118	165	75.7	36.5	10.9	23.7	21.1	51.1	47.9	52.3	1969
1970	25.3	19.9	18.5	78.6	153	63.4	54.2	49.5	24.1	31.2	34.6	40.8	49.7	1970
1971	31.6	28.5	29.8	114	166	54.6	19.6	9.78	8.37	9.06	10.3	23.5	42.1	1971
1972	24.7	22.2	20.5	60.4	246	92.7	74.5	58.9	47.5	31.9	88.7	54.7	70.6	1972
1973	47.4	45.6	71.1	230	132	94.0	65.3	39.4	19.8	22.8	28.7	45.7	70.1	1973
1974	34.5	33.2	38.8	155	217	74.6	32.8	18.2	13.7	25.1	42.2	41.7	60.7	1974
1975	29.0	24.9	25.0	70.3	141	41.5	16.6	12.2	9.23	16.4	19.6	39.8	37.2	1975
1976	27.9	24.3	42.4	220	105	49.5	30.6	18.8	12.7	13.3	14.9	18.4	49.5	1976
1977	15.3	14.4	29.8	140	70.8	43.6	13.7	7.70	10.5	29.8	42.5	50.5	37.3	1977
1978	32.4	28.2	27.2	76.8	178	85.1	47.2	12.0	17.8	29.2	27.2	23.7	42.5	1978
1979	26.5	25.2	32.6	166	158	53.3	27.2	25.8	19.8	38.6	80.5	63.8	59.9	1979
1980	39.3	25.1	27.9	170	102	61.1	71.3	58.2	41.8	67.0	68.6	52.2	65.5	1980
1981	33.8	29.1	29.1	175	98.2	62.6	33.0	28.4	43.7	66.7	70.8	58.1	69.3	1981
1982	29.4	26.4	24.3	108	177	48.0	26.9	10.3	15.2	24.6	40.0	77.4	45.4	1982
1983	76.3	58.9	48.6	118	161	74.3	20.4	10.5	13.5	44.5	49.0	50.4	54.9	1983
1984	32.8	30.4	50.7	198	135	87.9	40.7	21.0	14.1	19.1	36.5	44.2	59.2	1984
1985	46.9	31.0	47.3	178	160	39.7	25.0	19.8	22.2	16.4	26.6	37.4	54.3	1985
1986	27.0	21.4	25.7	160	90.2	61.7	22.9	19.0	9.71	18.6	19.2	19.9	41.2	1986
1987	17.6	16.6	21.4	126	53.0	41.0	16.8	8.31	7.15	9.38	22.5	29.1	30.6	1987
1988	43.5	24.3	21.8	148	97.3	28.2	12.5	24.3	23.5	44.8	66.8	46.6	46.9	1988
1989	29.1	23.3	24.9	99.5	123	64.3	32.1	10.3	6.37	6.26	22.2	28.0	39.2	1989
1990	23.1	24.7	56.0	129	115	47.9	25.9	10.0	5.31	20.5	39.8	70.8	47.5	1990
MEAN	29.1	25.3	29.2	111	125	66.5	44.0	26.8	19.5	23.0	31.6	35.3	47.2	MEAN

LOCATION - LAT. 45 53 17 N LONG 077 18 30 W

DRAINAGE AREA, 4 120 km²
REGULATED

PETAWAWA RIVER NEAR PETAWAWA - STATION NO. 02KB001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1916	---	142 ON MAY 04	15.9 ON OCT 02	1 490 000	1916
1917	---	264 ON MAY 03	11.0 ON SEP 21	1 560 000	1917
1918	---	84.7 ON MAY 20	13.3 ON JAN 01	1 140 000	1918
1919	---	167 ON MAY 25	13.6 ON SEP 03	1 750 000	1919
1920	---	95.7 ON MAY 02	15.0 ON OCT 23	1 090 000	1920
1921	---	174 ON APR 10	8.07 ON SEP 30	1 200 000	1921
1922	---	259 ON APR 23	13.1 B ON FEB 01	1 410 000	1922
1923	---	228 ON MAY 22	11.6 ON OCT 29	1 410 000	1923
1924	---	187 ON MAY 26	10.3 ON NOV 04	1 480 000	1924
1925	---	130 ON APR 30	10.1 ON FEB 10	1 290 000	1925
1926	---	159 ON MAY 22	12.0 ON OCT 10	1 520 000	1926
1927	---	122 ON JUL 27	17.1 ON OCT 08	1 550 000	1927
1928	---	276 ON MAY 11	28.6 ON MAR 23	2 840 000	1928
1929	---	309 ON MAY 05	7.22 ON OCT 19	2 150 000	1929
1930	---	157 ON MAY 24	8.38B ON DEC 01	994 000	1930
1931	---	51.8 ON MAY 15	5.78 ON OCT 13	585 000	1931
1932	---	152 ON APR 23	15.4 ON JAN 01	1 560 000	1932
1933	---	184 ON APR 23	9.91 ON NOV 02	1 390 000	1933
1934	---	243 ON MAY 07	8.67 ON OCT 21	1 260 000	1934
1935	---	109 ON MAY 02	12.9 ON OCT 27	1 240 000	1935
1936	---	257 ON MAY 09	12.5 ON SEP 26	1 490 000	1936
1937	---	196 ON MAY 01	10.8 ON SEP 09	1 540 000	1937
1938	---	264 ON APR 22	14.3 ON SEP 06	1 800 000	1938
1939	---	183 ON MAY 07	12.1 ON SEP 29	1 200 000	1939
1940	---	164 ON MAY 28	11.6 ON FEB 05	1 160 000	1940
1941	---	240 ON APR 23	6.43 ON SEP 28	1 180 000	1941
1942	---	205 ON APR 23	10.4 ON OCT 18	1 380 000	1942
1943	---	331 ON MAY 08	19.5 ON FEB 18	1 730 000	1943
1944	---	110 ON MAY 11	10.4 ON SEP 20	948 000	1944
1945	---	167 ON APR 05	14.7 ON SEP 15	1 330 000	1945
1946	---	131 ON APR 03	7.79 ON OCT 11	1 050 000	1946
1947	---	348 ON MAY 05	23.8 ON JAN 01	2 430 000	1947
1948	---	199 ON APR 15	9.06 ON OCT 07	1 600 000	1948
1949	---	238 ON APR 25	7.65 ON OCT 29	1 430 000	1949
1950	---	127 ON APR 29	13.1 ON OCT 10	1 200 000	1950
1951	---	360 ON APR 16	15.2 ON SEP 25	2 180 000	1951
1952	---	252 ON APR 24	8.21 ON OCT 31	1 530 000	1952
1953	---	205 ON MAR 30	7.42 ON OCT 23	964 000	1953
1954	---	177 ON APR 19	17.0 ON FEB 18	1 820 000	1954
1955	---	206 ON APR 17	6.26 ON OCT 02	1 340 000	1955
1956	---	174 ON MAY 16	16.3 ON MAR 29	1 510 000	1956
1957	---	134 ON JUL 05	22.7 ON SEP 02	1 520 000	1957
1958	---	144 ON APR 24	18.8 ON OCT 07	1 420 000	1958
1959	---	189 ON MAY 02	17.8 ON MAR 04	1 470 000	1959
1960	---	396 ON APR 26	6.63 ON NOV 01	1 740 000	1960
1961	---	130 ON MAY 01	12.7 ON FEB 23	1 150 000	1961
1962	---	175 ON MAY 06	6.34 ON SEP 20	993 000	1962
1963	---	179 ON APR 08	6.09 ON MAR 05	1 020 000	1963
1964	---	111 ON APR 21	6.20 ON SEP 03	731 000	1964
1965	---	254 ON MAY 06	14.2 ON MAR 04	1 500 000	1965
1966	264 AT 12:00 EST ON APR 27	263 ON APR 27	7.93 ON OCT 08	1 780 000	1966
1967	245 AT 18:00 EST ON APR 24	245 ON APR 25	10.5 ON SEP 20	1 870 000	1967
1968	195 AT 16:30 EST ON APR 08	191 ON APR 08	12.2 ON SEP 05	1 220 000	1968
1969	203 AT 02:50 EST ON APR 21	202 ON APR 20	14.3 ON SEP 05	1 650 000	1969
1970	239 AT 21:32 EST ON MAY 01	236 ON MAY 02	16.9 ON MAR 18	1 570 000	1970
1971	283 AT 20:15 EST ON APR 30	282 ON MAY 01	7.50 ON SEP 19	1 330 000	1971
1972	362 AT 23:30 EST ON MAY 06	354 ON MAY 07	18.5 ON MAR 20	2 230 000	1972
1973	272 AT 09:50 EST ON APR 24	270 ON APR 24	15.3 ON SEP 21	2 210 000	1973
1974	345 AT 02:43 EST ON APR 26	340 ON APR 26	9.80 ON SEP 09	1 910 000	1974
1975	236 AT 07:20 EST ON MAY 04	236 ON MAY 04	5.97 ON SEP 10	1 170 000	1975
1976	297 AT 20:19 EST ON APR 05	294 ON APR 06	9.68 ON SEP 17	1 560 000	1976
1977	158 AT 13:18 EST ON APR 23	158 ON APR 23	6.12 ON AUG 19	1 180 000	1977
1978	237 AT 15:40 EST ON MAY 01	236 ON MAY 01	9.37 ON AUG 15	1 340 000	1978
1979	299 AT 14:07 EST ON APR 29	298 ON APR 29	15.2 ON SEP 13	1 890 000	1979
1980	258 AT 21:39 EST ON APR 16	256 ON APR 17	16.2 ON MAR 15	2 070 000	1980
1981	236 AT 03:37 EST ON APR 11	235 ON APR 11	20.1 ON JUL 26	2 170 000	1981
1982	244 AT 08:46 EST ON APR 30	243 ON APR 29	7.42 ON AUG 31	1 430 000	1982
1983	302 AT 03:20 EST ON MAY 10	300 ON MAY 10	8.37 ON AUG 16	1 860 000	1983
1984	294 AT 16:49 EST ON APR 19	293 ON APR 19	11.9 ON OCT 02	1 870 000	1984
1985	469 AT 12:40 EST ON APR 27 *	467 ON APR 27 *	13.9 ON OCT 04	1 710 000	1985
1986	225 AT 12:23 EST ON APR 07	224 ON APR 07	8.46 ON SEP 04	1 300 000	1986
1987	173 AT 11:50 EST ON APR 13	172 ON APR 12	5.69 ON SEP 28	967 000	1987
1988	209 AT 14:42 EST ON APR 11	207 ON APR 11	8.69 ON JUL 25	1 480 000	1988
1989	163 AT 21:19 EST ON MAY 13	162 ON MAY 14	4.51 ON OCT 10 *	1 240 000	1989
1990	---	197 A ON APR 30	4.90 ON SEP 21	1 500 000	1990
				1 490 000	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX) B - ICE CONDITIONS * - EXTREME RECORDED FOR THE PERIOD OF RECORD

PETTICOAT CREEK NEAR DUNBARTON - STATION NO. 02HC105

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1974	---	---	---	0.305	0.171	0.035	0.008	0.003	0.003	0.003	0.009	0.015	---	1974
1975	---	---	0.437	0.479	0.328	---	0	0	0	0	0.002	0.114	---	1975
1976	0.040	1.21	0.811	0.108	0.179	0.022	0.312	0.182	0.016	0.042	0.031	0.014	0.244	1976
MEAN	0.040	1.21	0.624	0.297	0.226	0.029	0.107	0.062	0.006	0.015	0.014	0.048	0.244	MEAN

LOCATION - LAT 43 50 05 N, LONG 079 08 55 W NATURAL FLOW

DATA CONTRIBUTED BY - ONTARIO MINISTRY OF THE ENVIRONMENT

PETTICOAT CREEK NEAR DUNBARTON - STATION NO. 02HC105

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1974	---	---	0.002 ON OCT 19	---	1974
1975	---	3.92 ON FEB 24	0 ON JUL 01 *	---	1975
1976	---	8.21 ON MAR 20 *	0 ON JUN 11	7 720	1976
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		7 720	MEAN

PIC RIVER NEAR MARATHON - STATION NO. 02BB003

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1970	---	---	6.02	41.5	189	56.9	50.7	21.0	41.9	59.6	65.2	49.4	---	1970
1971	18.6	12.4	10.4	94.3	185	69.4	37.7	27.5	19.0	76.9	76.5	33.0	55.3	1971
1972	16.3	11.2	9.60	43.9	219	56.2	57.6	52.3	55.5	47.9	25.4	18.1	51.4	1972
1973	11.6	10.6	16.2	118	144	60.2	51.2	22.7	24.2	30.3	35.7	27.8	46.3	1973
1974	11.5	9.01	8.48	45.7	233	98.5	44.8	52.8	43.5	58.4	47.5	27.2	57.0	1974
1975	19.4	12.7	10.1	45.9	182	116	40.0	16.2	8.80	23.3	52.8	28.9	46.4	1975
1976	15.3	9.72	8.96	215	120	86.6	29.5	17.8	6.89	6.62	5.78	5.06	43.7	1976
1977	4.64	4.49	15.9	188	104	36.1	39.2	37.8	101	76.1	62.3	25.3	58.0	1977
1978	14.5	9.21	6.69	19.2	147	118	50.3	23.8	12.9	14.6	10.9	6.97	36.4	1978
1979	5.74	5.34	7.28	113	253	87.9	27.2	29.7	36.2	67.2	72.8	21.3	60.9	1979
1980	10.8	8.75	7.43	97.3	173	51.4	26.1	24.4	44.3	57.6	30.4	14.0	45.5	1980
1981	9.22	9.10	13.6	86.1	106	81.0	34.7	18.6	9.10	9.83	11.2	8.25	33.1	1981
1982	6.38	5.14	4.33	32.3	229	73.6	69.5	25.9	40.8	109	91.3	58.3	62.6	1982
1983	21.6	16.1	16.3	42.6	227	66.4	58.9	16.8	27.1	167	65.8	42.9	64.7	1983
1984	16.0	13.9	12.4	141	159	153	94.1	38.4	14.8	26.2	43.4	36.5	64.1	1984
1985	22.0	12.6	9.98	104	118	83.9	51.7	110	57.1	111	118	38.6	69.9	1985
1986	16.5	11.7	11.7	155	155	54.1	37.3	17.2	19.0	39.8	36.3	17.6	47.7	1986
1987	11.4	9.42	8.73	74.3	39.1	28.1	41.8	37.5	30.9	57.5	51.6	29.3	35.0	1987
1988	14.5	10.2	9.41	112	187	72.9	29.7	37.1	57.0	73.0	98.0	39.9	61.7	1988
1989	23.6	16.2	11.4	42.7	243	47.3	16.7	11.8	6.65	9.00	17.4	10.7	38.3	1989
1990	9.13	8.00	11.4	91.5	111	58.0	37.6	14.2	11.8	42.0	50.0	24.1	39.1	1990
MEAN	14.1	10.3	10.3	90.6	168	74.1	44.1	31.1	31.8	55.4	50.9	27.8	50.8	MEAN

LOCATION - LAT 48 46 26 N LONG 086 17 49 W DRAINAGE AREA, 4 270 km^2 NATURAL FLOW

PIC RIVER NEAR MARATHON - STATION NO. 02BB003

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1970	450 AT 20:36 EST ON MAY 01	439 ON MAY 01	3.17 ON AUG 14 *	---	1970
1971	484 AT 01:54 EST ON MAY 27	476 ON MAY 27	10.0 B ON MAR 29	1 740 000	1971
1972	433 AT 23:11 EST ON APR 30	402 ON MAY 01	9.17B ON APR 02	1 620 000	1972
1973	388 AT 07:46 EST ON APR 23	385 ON APR 23	8.83B ON MAR 01	1 460 000	1973
1974	317 AT 23:20 EST ON MAY 03	306 ON MAY 04	6.06 ON DEC 26	1 800 000	1974
1975	419 AT 06:00 EST ON MAY 07	413 ON MAY 07	6.40 ON OCT 09	1 460 000	1975
1976	759 AT 07:25 EST ON APR 20 *	643 ON APR 19 *	3.23 ON NOV 08	1 380 000	1976
1977	---	501E ON APR 23	4.42B ON MAR 01	1 830 000	1977
1978	---	228E ON MAY 16	5.20B ON APR 05	1 150 000	1978
1979	609 AT 20:27 EST ON MAY 11	589 ON MAY 11	5.13B ON FEB 21	1 920 000	1979
1980	450 AT 04:20 EST ON MAY 02	447 ON MAY 02	7.00B ON MAR 25	1 440 000	1980
1981	156 AT 00:44 EST ON MAY 06	153 ON MAY 06	6.61 ON OCT 05	1 050 000	1981
1982	461 AT 14:13 EST ON MAY 07	452 ON MAY 07	4.14B ON MAR 28	1 970 000	1982
1983	---	428E ON OCT 16	8.08 ON AUG 25	2 040 000	1983
1984	322 AT 13:16 EST ON JUN 11	312 ON JUN 11	11.7 B ON MAR 15	2 030 000	1984
1985	449 AT 10:08 EST ON APR 25	439 ON APR 25	9.50B ON MAR 25	2 210 000	1985
1986	---	360E ON MAY 06	11.0 E ON AUG 14	1 500 000	1986
1987	134 AT 18:00 EST ON APR 18	132 ON APR 18	8.00B ON MAR 19	1 110 000	1987
1988	---	206E ON MAY 04	8.40B ON MAR 23	1 950 000	1988
1989	---	345E ON MAY 07	5.50E ON SEP 19	1 210 000	1989
1990	---	248E ON APR 24	6.33B ON MAR 14	1 230 000	1990
	B - ICE CONDITIONS E - ESTIMATED	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		1 610 000	MEAN

PIGEON RIVER AT MIDDLE FALLS - STATION NO. 02AA001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1921	---	---	---	---	---	17.1	9.91	5.40	3.71	2.39	---	---	---	1921
1922	---	---	---	---	56.0	15.6	6.70	5.15	15.1	3.02	4.27	---	---	1922
1923	---	---	---	---	44.1	---	5.18	3.60	3.01	2.43	2.73	2.26	---	1923
1924	1.73	2.13	1.89	25.7	41.7	15.8	5.63	3.24	6.43	19.4	8.59	4.36	11.4	1924
1925	2.39	1.59	8.07	26.2	25.6	21.5	6.24	4.34	4.73	4.09	6.91	3.23	9.59	1925
1926	1.91	0.951	3.60	27.0	49.7	21.3	12.4	5.45	10.0	26.3	9.16	5.15	12.7	1926
1927	2.95	2.97	2.28	63.0	62.9	28.8	22.7	10.5	6.69	6.46	4.99	3.78	19.0	1927
1928	2.41	1.87	2.55	60.4	37.5	32.0	22.7	15.5	15.5	14.3	13.0	6.91	18.3	1928
1929	3.14	2.39	4.34	26.5	19.8	12.0	3.64	2.03	2.19	3.13	8.86	3.20	7.60	1929
1930	3.16	2.74	2.30	18.3	36.4	18.4	12.0	4.97	4.19	9.35	32.9	12.8	13.1	1930
1931	5.40	3.89	3.18	12.8	25.3	17.4	9.68	2.13	3.46	9.48	18.4	5.62	9.73	1931
1932	3.77	3.27	3.76	38.8	40.7	19.9	9.31	5.85	3.23	2.66	19.9	10.6	13.5	1932
1933	5.80	4.68	4.37	40.9	35.7	20.6	7.22	3.31	6.67	11.6	11.0	5.70	13.1	1933
1934	4.46	4.28	3.97	18.0	82.5	36.1	8.56	3.66	5.71	14.9	14.1	7.94	17.1	1934
1935	6.44	6.09	8.55	55.0	38.6	35.9	11.0	5.66	4.65	4.06	6.57	3.97	15.5	1935
1936	3.07	2.24	2.55	28.6	80.3	15.7	6.66	2.40	2.42	1.93	2.34	2.32	12.6	1936
1937	2.98	2.51	2.72	58.0	45.4	37.9	8.88	3.39	4.06	5.59	6.21	2.99	15.0	1937
1938	2.34	2.83	14.3	50.0	47.0	21.2	9.37	8.26	4.27	3.30	6.88	2.83	14.4	1938
1939	4.28	3.36	3.70	30.5	56.2	32.3	10.6	5.49	4.39	4.81	2.91	2.44	13.4	1939
1940	1.61	1.77	1.89	12.3	40.6	34.1	10.2	4.50	2.17	1.42	5.38	2.40	9.86	1940
1941	2.07	1.67	1.70	58.0	28.8	19.7	16.5	3.29	17.8	20.4	7.10	4.78	15.1	1941
1942	3.31	2.57	3.99	43.2	59.8	20.4	6.77	2.54	2.85	8.17	7.64	3.91	13.8	1942
1943	2.99	2.82	3.15	34.2	58.7	51.2	15.4	5.13	6.15	7.22	7.37	3.89	16.6	1943
1944	3.39	2.84	2.52	21.1	65.7	57.6	20.8	12.0	18.3	8.23	9.63	4.47	18.9	1944
1945	2.26	2.21	33.1	55.9	38.1	13.7	7.57	8.65	2.71	1.72	2.41	1.78	14.2	1945
1946	1.97	2.02	17.9	26.6	22.5	18.2	9.33	2.06	15.2	25.4	12.3	6.27	13.4	1946
1947	4.16	2.97	2.85	10.8	84.7	79.3	22.8	9.34	4.29	3.04	7.92	3.51	19.7	1947
1948	2.81	2.73	2.59	70.3	61.2	14.4	6.05	5.39	3.86	2.38	3.06	2.30	14.7	1948
1949	2.55	2.47	2.51	39.1	27.3	9.16	11.4	5.17	3.11	15.1	6.07	3.20	10.6	1949
1950	3.16	3.56	4.05	10.8	114	42.6	27.6	29.2	11.5	20.1	10.5	8.84	24.0	1950
1951	6.92	6.43	6.45	47.6	85.5	31.4	9.57	5.38	18.4	24.4	20.8	14.2	23.1	1951
1952	8.90	6.78	5.40	37.6	30.0	12.4	16.8	16.1	7.11	4.21	3.50	2.90	12.6	1952
1953	2.80	2.85	3.54	25.7	46.3	43.9	14.3	7.01	5.15	3.58	2.73	2.36	11.4	1953
1954	1.65	1.77	2.11	36.5	77.7	32.7	13.2	7.65	5.90	4.27	3.99	2.87	15.9	1954
1955	2.62	2.78	3.44	43.3	16.6	6.17	3.94	2.91	2.44	7.25	10.5	4.18	8.82	1955
1956	4.22	4.36	3.98	29.0	65.8	19.8	9.04	5.86	4.98	4.19	5.43	4.38	13.7	1956
1957	3.38	3.03	3.79	43.2	31.8	22.3	8.31	4.42	3.94	3.15	4.68	4.97	11.2	1957
1958	2.57	2.51	2.64	12.0	6.29	3.69	2.21	1.84	9.26	5.83	9.95	4.87	5.29	1958
1959	3.22	2.25	2.64	14.4	38.2	20.3	4.53	8.98	12.1	14.5	6.84	5.28	11.2	1959
1960	4.14	2.67	2.61	33.4	31.5	12.1	6.75	4.06	3.05	2.73	7.07	5.11	9.60	1960
1961	2.75	2.30	2.66	26.9	31.7	21.2	9.77	5.48	8.67	6.66	8.16	3.80	10.8	1961
1962	3.44	3.20	3.65	13.8	29.8	14.4	9.89	10.7	7.97	5.22	4.33	3.83	9.21	1962
1963	2.76	2.49	2.87	17.4	16.3	32.1	13.0	7.79	6.77	4.69	4.06	3.22	9.44	1963
1964	3.05	2.78	2.69	33.8	79.0	27.8	13.9	7.48	6.72	6.99	7.14	4.64	16.4	1964
1965	4.14	3.85	4.47	25.8	62.4	23.4	14.8	7.88	9.95	19.2	9.53	8.85	16.3	1965
1966	8.02	5.39	6.48	35.9	76.9	31.1	9.98	5.22	3.22	4.17	2.96	3.45	16.1	1966
1967	2.46	2.06	2.09	43.9	32.3	23.2	9.03	7.51	2.17	2.31	2.26	1.69	11.2	1967
1968	1.84	0.897	3.86	39.5	22.7	42.6	31.9	11.3	9.74	21.9	10.6	7.95	17.9	1968
1969	9.01	8.50	7.04	66.1	46.2	18.1	8.64	5.16	2.31	4.39	4.32	3.38	15.2	1969
1970	3.42	3.14	3.65	31.0	81.5	42.1	15.3	5.48	8.54	33.4	41.4	18.6	24.0	1970
1971	9.63	8.26	7.37	61.1	62.0	26.4	10.3	3.74	3.09	22.5	32.0	19.4	22.2	1971
1972	9.66	5.27	5.16	18.8	74.6	32.7	14.7	6.74	6.18	4.69	4.08	1.82	15.4	1972
1973	2.16	2.76	9.08	38.2	38.5	24.6	15.6	18.5	20.9	20.7	21.0	10.5	18.6	1973
1974	5.60	5.73	5.00	30.2	63.0	31.8	10.1	5.04	11.3	11.0	15.0	10.7	17.1	1974
1975	12.2	7.86	5.64	29.5	50.7	14.1	8.12	3.72	2.70	2.82	6.32	5.46	12.5	1975
1976	4.33	3.97	5.78	76.5	29.1	17.8	7.95	3.57	1.14	0.493	0.323	0.081	12.5	1976
1977	0.062	0.227	1.94	8.21	3.90	3.54	2.97	2.48	84.5	59.3	32.0	20.4	18.3	1977
1978	11.2	6.58	5.33	22.2	54.2	31.2	14.5	5.50	5.52	5.12	3.18	2.59	14.0	1978
1979	2.51	2.55	4.77	34.3	69.1	35.3	8.92	3.67	4.30	3.95	8.60	3.05	16.8	1979
1980	2.65	2.69	2.85	20.8	11.4	4.55	2.77	3.44	30.4	10.3	11.1	6.23	9.72	1980
1981	4.85	4.05	6.09	33.6	30.4	29.7	11.5	5.23	2.71	7.87	5.01	3.30	13.6	1981
1982	2.83	2.81	3.25	49.7	49.7	17.7	15.6	6.29	4.72	27.4	32.3	14.8	17.5	1982
1983	10.4	7.14	6.81	25.7	38.9	32.2	10.6	6.60	5.63	20.0	14.9	9.63	15.7	1983
1984	6.92	6.07	4.68	34.1	41.9	32.5	12.3	7.04	3.27	7.29	6.83	5.73	14.0	1984
1985	3.22	2.68	3.51	32.6	34.8	23.1	18.7	14.7	13.3	31.1	15.5	9.03	16.9	1985
1986	6.31	5.86	5.39	57.1	43.2	13.3	10.1	6.74	5.86	6.49	10.8	5.28	14.8	1986
1987	4.07	3.09	5.70	12.3	12.3	7.16	4.02	20.1	20.2	11.8	9.73	5.36	9.68	1987
1988	4.08	3.53	3.70	22.0	25.7	9.97	4.18	12.6	23.7	11.0	19.9	12.6	12.7	1988
1989	9.94	6.85	5.45	33.8	57.0	37.4	9.97	5.52	6.07	2.67	2.74	1.06	14.9	1989
1990	1.21	2.00	3.90	19.2	29.2	28.7	23.7	5.98	3.79	13.3	8.16	5.43	12.1	1990
MEAN	4.21	3.50	4.94	34.1	45.7	24.6	11.4	6.77	8.67	10.5	9.98	5.79	14.3	MEAN

LOCATION - LAT 48 00 44 N LONG 089 36 58 W DRAINAGE AREA, 1 550 km² NATURAL FLOW INTERNATIONAL GAUGING STATION

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1921	---	---	---	---	1921
1922	---	---	---	---	1922
1923	---	---	---	---	1923
1924	98.3 ON MAY 19	90.0 ON MAY 19	1.73 E ON JAN 01	361 000	1924
1925	151 AT 10:00 CST ON APR 24	133 ON APR 24	1.59 E ON FEB 01	302 000	1925
1926	103 ON APR 21	90.0 ON APR 22	0.951E ON FEB 01	402 000	1926
1927	209 ON APR 19	200 ON APR 20	2.27 E ON MAR 01	598 000	1927
1928	176 ON APR 04	165 ON APR 04	1.27 E ON MAR 15	578 000	1928
1929	---	70.8E ON APR 06	1.25 ON SEP 01	240 000	1929
1930	215 ON NOV 21	200 ON NOV 21	1.13 ON AUG 17	415 000	1930
1931	---	43.9 ON NOV 21	1.13 ON SEP 09	307 000	1931
1932	---	105 ON NOV 10	1.76 ON OCT 13	425 000	1932
1933	---	123 ON APR 19	2.41 ON SEP 04	414 000	1933
1934	311 AT 15:00 CST ON MAY 06 *	303 ON MAY 05 *	2.72 ON SEP 13	539 000	1934
1935	---	151 ON APR 28	3.54 ON OCT 01	489 000	1935
1936	---	209 ON MAY 07	1.70 ON OCT 17	398 000	1936
1937	---	163 ON APR 26	2.27 B ON FEB 12	474 000	1937
1938	136 ON APR 29	125 ON APR 29	2.27 B ON JAN 19	454 000	1938
1939	---	130 B ON APR 30	1.70 B ON DEC 30	424 000	1939
1940	103 AT 20:15 CST ON MAY 20	94.3 ON MAY 21	1.25 E ON OCT 23	312 000	1940
1941	165 ON APR 14	148 ON APR 14	1.42 B ON MAR 19	477 000	1941
1942	117 AT 15:00 CST ON APR 16	103 ON MAY 02	1.70 ON AUG 23	435 000	1942
1943	103 AT 01:00 CST ON APR 24	96.8 ON APR 24	2.55 B ON JAN 21	524 000	1943
1944	129 AT 14:00 CST ON JUN 05	122 ON MAY 13	2.27 B ON MAR 27	597 000	1944
1945	180 AT 03:30 CST ON MAR 28	161 ON MAR 28	1.05 ON NOV 04	449 000	1945
1946	94.0B ON MAR 29	79.9 ON OCT 11	1.25 B ON JAN 15	421 000	1946
1947	184 E ON JUN 12	178 E ON JUN 12	2.12 B ON FEB 28	622 000	1947
1948	283 AT 23:30 CST ON APR 27	261 ON APR 28	1.95 ON OCT 30	466 000	1948
1949	94.0 AT 00:10 CST ON APR 14	85.0B ON APR 13	1.98 B ON MAR 18	335 000	1949
1950	209 AT 23:00 CST ON MAY 11	206 ON MAY 12	2.83 B ON JAN 06	758 000	1950
1951	212 AT 20:30 CST ON MAY 02	206 ON MAY 02	4.87 ON AUG 18	730 000	1951
1952	139 B AT 23:30 CST ON APR 19	118 ON APR 20	2.83 B ON NOV 13	400 000	1952
1953	118 AT 16:00 CST ON MAY 31	108 ON MAY 31	1.98 B ON DEC 31	422 000	1953
1954	262 AT 10:15 CST ON MAY 01	224 ON MAY 02	1.56 B ON JAN 09	502 000	1954
1955	90.0 AT 15:30 CST ON APR 20	85.5 ON APR 19	1.36 ON SEP 15	278 000	1955
1956	119 AT 04:00 CST ON MAY 14	115 ON MAY 14	3.51 ON OCT 13	433 000	1956
1957	158 AT 20:00 CST ON APR 25	150 ON APR 25	2.55 B ON DEC 31	354 000	1957
1958	---	44.5 ON NOV 10	1.61 ON AUG 08	167 000	1958
1959	61.2 AT 07:00 CST ON MAY 07	59.7 ON MAY 07	1.93 B ON FEB 20	352 000	1959
1960	88.9 AT 01:00 CST ON APR 25	83.8 ON APR 25	2.24 ON OCT 11	303 000	1960
1961	100 AT 19:00 CST ON APR 21	92.3 ON APR 22	2.15 B ON JAN 30	342 000	1961
1962	44.7 AT 04:00 CST ON APR 29	43.3 ON MAY 16	2.94 B ON FEB 08	291 000	1962
1963	80.7 AT 03:00 CST ON JUN 20	75.0 ON JUN 20	2.24 B ON JAN 30	298 000	1963
1964	234 AT 02:30 CST ON MAY 06	192 ON MAY 06	2.61 B ON MAR 26	518 000	1964
1965	124 AT 20:30 CST ON APR 30	119 ON APR 30	3.74 B ON FEB 21	513 000	1965
1966	115 AT 20:30 CST ON MAY 19	114 ON MAY 19	2.49 B ON DEC 03	309 000	1966
1967	113 AT 18:30 CST ON APR 17	106 ON APR 18	1.33 B ON DEC 01	352 000	1967
1968	103 AT 01:00 CST ON JUL 17	97.4 ON JUL 17	0.850B ON FEB 14	565 000	1968
1969	133 AT 22:45 CST ON APR 22	129 ON APR 22	1.84 ON SEP 21	480 000	1969
1970	164 AT 20:00 CST ON APR 30	159 ON APR 30	2.92 B ON FEB 24	759 000	1970
1971	143 ON APR 20	137 ON APR 21	2.29 ON SEP 27	699 000	1971
1972	137 AT 11:00 CST ON MAY 02	133 ON MAY 02	1.59 B ON DEC 13	488 000	1972
1973	90.6 AT 06:00 CST ON APR 22	85.8 ON APR 22	1.84 B ON JAN 10	546 000	1973
1974	132 AT 19:30 CST ON MAY 11	120 ON MAY 12	3.34 ON AUG 20	539 000	1974
1975	101 B AT 22:30 CST ON APR 27	94.3 ON APR 28	1.81 ON OCT 08	393 000	1975
1976	183 AT 20:30 CST ON APR 18	172 ON APR 17	0.052B ON DEC 31	395 000	1976
1977	---	216 ON SEP 09	0.028 ON JAN 15 *	577 000	1977
1978	---	91.5 ON MAY 09	2.52 B ON DEC 19	441 000	1978
1979	212 AT 19:00 CST ON MAY 11	206 ON MAY 11	1.53 ON OCT 18	531 000	1979
1980	---	81.6 ON SEP 14	1.25 ON AUG 12	307 000	1980
1981	---	91.7 ON APR 21	1.42 ON SEP 22	430 000	1981
1982	---	145 ON APR 26	2.61 E ON MAR 08	551 000	1982
1983	---	88.3 ON APR 28	4.11 ON SEP 28	494 000	1983
1984	---	97.4 ON APR 28	1.59 ON OCT 15	444 000	1984
1985	---	108 ON APR 24	2.38 ON MAR 08	534 000	1985
1986	---	145 ON APR 30	3.62 ON AUG 31	465 000	1986
1987	---	55.5 ON AUG 13	2.01 ON JUL 17	305 000	1987
1988	---	108 E ON SEP 20	2.35 ON JUL 28	402 000	1988
1989	---	91.5 ON JUN 13	0.850E ON DEC 20	459 000	1989
1990	---	82.7 ON APR 29	0.934E ON JAN 01	[illegible] 000	1990
				[illegible] 000	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

PINE RIVER AT LURGAN - STATION NO. 02FD001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1974	4.06	1.64	4.24	4.18	2.96	0.066	0.002	0.003	0	0.019	2.07	1.32	1.72	1974
1975	4.42	3.92	5.43	3.81	0.724	0.274	0.006	1.35	0.711	0.303	1.14	4.07	2.17	1975
1976	1.32	6.74	10.9	1.22	1.30	0.107	0.229	0.021	0.068	0.241	1.44	0.468	1.99	1976
1977	0.216	0.680	16.0	2.70	0.094	0	0.001	1.30	1.50	2.64	3.07	3.55	2.67	1977
1978	0.644	0.322	2.74	6.34	0.405	0.223	0	0	2.59	1.75	0.372	1.07	1.37	1978
1979	1.25	0.505	10.8	5.22	0.573	0.028	0.106	0.033	0	0.457	2.82	4.21	2.18	1979
1980	1.33	0.310	9.30	4.38	0.695	0.276	0.178	0.091	0.532	1.80	1.25	3.22	1.96	1980
1981	0.221	13.0	2.41	1.39	2.29	0.166	0.195	0.266	1.33	1.63	1.97	2.28	2.19	1981
1982	1.82	0.256	11.0	3.36	0.229	4.79	0.146	0.401	0.181	0.089	3.50	6.67	2.72	1982
1983	1.96	4.44	2.20	2.45	1.70	0.255	0.052	0.084	0.550	0.756	1.48	2.63	1.53	1983
1984	0.401	12.4	3.83	1.22	2.15	0.623	0.079	0.002	0.041	0.050	2.89	3.97	2.26	1984
1985	0.803	8.15	12.1	5.81	0.469	0.216	0.016	0.068	0.130	0.581	2.58	1.32	2.65	1985
1986	3.03	0.941	9.88	2.14	0.844	0.401	0.611	0.391	12.7	3.88	0.645	1.64	3.10	1986
1987	0.903	0.349	5.32	1.54	0.117	0.185	0.074	0.042	0.034	2.80	4.25	5.71	1.79	1987
1988	1.87	2.78	6.60	1.33	0.328	0.019	0	0	0	3.54	5.10	3.76	2.11	1988
1989	2.49	0.741	4.81	2.06	0.388	0.395	0.011	0	0	0.001	0.720	0.277	0.995	1989
1990	7.19	2.95	5.51	1.99	1.23	0.071	0.068	0.004	0.001	2.33	5.68	4.12	2.60	1990
MEAN	2.00	3.54	7.24	3.01	0.970	0.476	0.104	0.239	1.20	1.35	2.41	2.96	2.12	MEAN

LOCATION - LAT 44 05 40 N
LONG 081 43 31 W
DRAINAGE AREA, 154 km²
NATURAL FLOW

PINE RIVER AT LURGAN - STATION NO. 02FD001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1974	104 AT 06:10 EST ON APR 04	46.2 ON APR 04	0 ON JUL 14 *	54 100	1974
1975	74.5 AT 08:52 EST ON DEC 15	41.9 ON DEC 15	0 ON JUL 09	68 500	1975
1976	123 AT 02:17 EST ON MAR 21	56.1 ON MAR 20	0 ON AUG 27	63 000	1976
1977	196 AT 05:35 EST ON MAR 13	133 ON MAR 13 *	0 ON MAY 23	84 100	1977
1978	30.5 AT 19:30 EST ON APR 01	28.9 ON APR 01	0 ON JUL 01	43 200	1978
1979	127 AT 00:52 EST ON MAR 05	64.7 ON MAR 05	0 E ON JUN 15	68 900	1979
1980	75.5 AT 22:56 EST ON MAR 20	57.3 ON MAR 21	0.046E ON SEP 12	62 000	1980
1981	67.4 AT 15:45 EST ON FEB 23	57.0 ON FEB 23	0 E ON JUL 22	69 000	1981
1982	91.6 AT 08:30 EST ON MAR 31	60.1 ON MAR 31	0.007 ON JUL 25	85 700	1982
1983	21.3 AT 00:25 EST ON DEC 13	20.3 ON FEB 03	0 ON JUL 28	48 100	1983
1984	73.2 AT 07:07 EST ON FEB 14	63.4 ON FEB 14	0 ON AUG 10	71 400	1984
1985	60.4 AT 02:42 EST ON APR 06	51.0B ON FEB 24	0 ON AUG 02	83 500	1985
1986	250 E AT 00:25 EST ON SEP 12 *	85.2A ON SEP 12	0.029 ON SEP 09	97 800	1986
1987	35.9 AT 01:47 EST ON MAR 09	26.6B ON MAR 08	0 ON JUN 16	56 500	1987
1988	---	37.2E ON MAR 24	0 A ON JUN 26	66 800	1988
1989	46.6 AT 22:20 EST ON MAR 28	25.7 ON MAR 29	0 ON JUL 27	31 400	1989
1990	58.6 AT 13:42 EST ON MAR 12	49.4A ON JAN 18	0 ON SEP 02	82 000	1990
				66 800	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX)
B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

PINE RIVER NEAR CROOKS - STATION NO. 02AA002

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1972	0.707	0.532	0.634	20.0	25.5	3.09	---	---	---	---	---	---	---	1972
1973	0.727	2.00	4.14	11.5	11.5	4.17	4.07	2.36	2.94	4.60	8.33	1.97	4.86	1973
1974	0.459	0.340	0.373	17.0	17.4	5.76	0.766	1.84	4.23	3.81	5.65	1.45	4.92	1974
1975	3.35	0.745	1.38	22.9	9.51	1.16	0.446	0.085	0.049	1.47	3.52	1.80	3.86	1975
1976	0.803	0.381	2.55	38.0	2.67	2.31	0.211	0.021	0.022	0.024	0.025	0.024	3.96	1976
1977	0	0	2.91	6.01	0.699	0.224	0.258	0.951	45.4	14.3	4.77	1.60	6.40	1977
1978	0.842	0.317	0.284	13.6	13.8	9.85	2.43	---	---	---	---	---	---	1978
MEAN	0.984	0.625	1.75	18.6	11.6	3.79	1.36	1.05	10.5	4.84	4.46	1.37	4.80	MEAN

LOCATION - LAT 48 04 20 N
LONG 089 32 00 W
DRAINAGE AREA, 389 km²
NATURAL FLOW

PINE RIVER NEAR CROOKS - STATION NO. 02AA002

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1972	---	---	---	---	1972
1973	92.3 AT 16:30 CST ON NOV 21	52.4 ON NOV 21	0.411 ON SEP 20	153 000	1973
1974	63.1 AT 22:10 CST ON MAY 11	47.0B ON APR 26	0.235B ON APR 09	155 000	1974
1975	68.2 AT 22:57 CST ON APR 25	62.9 ON APR 25	0 ON OCT 02 *	122 000	1975
1976	127 AT 12:00 CST ON APR 16 *	116 ON APR 17	0.002 ON DEC 31	125 000	1976
1977	---	198 E ON SEP 10 *	0 B ON JAN 01	202 000	1977
1978	91.5 AT 02:05 EST ON JUN 26	69.1 ON JUN 26	---	---	1978
				151 000	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

PINE RIVER NEAR EVERETT - STATION NO. 02ED103

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1967	---	---	---	---	---	---	---	---	---	---	2.89	3.59	---	1967
1968	---	---	---	3.31	2.02	1.41	1.08	1.25	1.23	1.21	1.80	5.74	---	1968
1969	---	---	---	5.75	3.83	2.04	1.59	1.20	1.11	1.28	1.39	1.84	---	1969
1970	1.82	1.23	1.34	6.29	3.12	1.73	1.70	0.929	1.10	1.09	1.22	2.01	1.96	1970
1971	1.31	1.62	2.10	7.49	2.58	1.52	1.18	0.907	0.797	0.811	0.873	1.29	1.87	1971
1972	1.37	1.18	1.45	5.77	4.69	2.02	1.31	1.04	0.813	1.10	1.36	1.81	1.82	1972
1973	3.41	2.79	7.01	5.63	3.47	1.98	1.35	1.44	0.921	1.29	2.34	1.98	2.64	1973
1974	2.64	2.54	7.07	4.93	4.20	2.23	2.44	1.34	1.00	1.28	1.60	1.24	2.71	1974
1975	1.38	1.80	2.67	4.90	2.84	1.79	1.46	1.42	1.13	1.06	1.19	1.42	1.92	1975
1976	1.52	1.60	8.61	5.63	5.96	2.36	2.01	1.24	1.47	1.72	---	---	---	1976
1977	0.980	0.952	6.54	3.44	1.82	1.32	1.07	1.38	1.72	2.45	---	---	---	1977
1978	1.89	1.47	1.72	5.96	3.92	2.39	1.47	1.36	1.53	1.56	1.55	1.50	2.19	1978
1979	1.51	1.01	6.12	6.73	4.28	1.99	1.55	1.45	0.961	1.58	2.02	2.66	2.67	1979
1980	3.05	1.75	5.76	4.60	2.58	1.80	3.52	2.21	1.97	2.29	2.34	2.66	2.89	1980
1981	1.48	3.08	3.73	3.06	2.91	1.89	1.31	1.49	1.97	2.13	2.64	2.38	2.39	1981
1982	1.92	1.38	3.18	8.43	3.11	2.71	1.81	1.70	1.43	1.39	2.71	3.22	2.75	1982
1983	2.66	2.77	3.50	4.12	3.42	2.05	1.05	1.18	1.10	1.15	1.61	1.90	2.21	1983
1984	1.31	3.89	3.75	4.80	2.67	1.58	1.20	0.974	1.21	1.07	1.44	2.31	2.17	1984
1985	1.81	3.50	4.36	7.93	3.31	2.04	1.38	1.37	1.22	1.24	2.47	1.93	2.70	1985
MEAN	1.82	2.15	4.31	5.49	3.15	1.94	1.58	1.33	1.27	1.43	1.85	2.32	2.35	MEAN

LOCATION - LAT 44 11 58 N LONG 079 57 35 W DRAINAGE AREA, 195 km² NATURAL FLOW

DATA CONTRIBUTED BY - ONTARIO MINISTRY OF THE ENVIRONMENT

REMARKS - REPLACED BY 02ED014 IN 1988

PINE RIVER NEAR EVERETT - STATION NO. 02ED103

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1967	---	---	---	---	1967
1968	---	---	---	---	1968
1969	---	14.2 ON APR 18	---	---	1969
1970	15.1 E AT 05:00 EST ON APR 18	14.3 E ON APR 21	0.595B ON FEB 26 *	61 900	1970
1971	23.8 E AT 13:00 EST ON APR 13	21.9 E ON APR 13	0.671 ON AUG 21	58 900	1971
1972	19.7 E AT 10:23 EST ON APR 19	17.0 E ON APR 19	0.668 ON SEP 23	57 700	1972
1973	16.1 AT 12:24 EST ON APR 02	15.1 ON APR 02	0.810 ON SEP 16	83 300	1973
1974	38.2 AT 14:25 EST ON MAR 05	24.4 ON MAR 05	0.728 ON AUG 22	85 500	1974
1975	24.1 AT 21:28 EST ON APR 19	19.3 ON APR 19	0.923 ON SEP 10	60 500	1975
1976	39.4 AT 17:28 EST ON MAR 21 *	32.6 ON MAR 21	---	---	1976
1977	---	15.3 ON MAR 10	---	---	1977
1978	12.4 AT 18:48 EST ON APR 20	12.2 ON APR 20	1.02 E ON AUG 24	69 000	1978
1979	---	22.2 ON APR 14	0.740 ON SEP 27	84 100	1979
1980	---	36.2 ON MAR 21 *	1.22 ON JUL 14	91 300	1980
1981	---	11.9 ON FEB 20	0.851 ON AUG 26	75 500	1981
1982	26.0 AT 19:54 EST ON MAR 31	19.4 A ON APR 01	1.13 ON OCT 06	86 700	1982
1983	9.22 AT 13:56 EST ON APR 10	7.12 ON APR 10	0.768 ON JUL 27	69 500	1983
1984	22.2 AT 13:47 EST ON FEB 15	21.8 ON FEB 15	0.806 ON AUG 27	68 700	1984
1985	30.5 E AT 00:30 EST ON FEB 27	16.9 ON FEB 27	0.879 ON AUG 10	85 100	1985
				74 100	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX)
B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

PINE RIVER NEAR EVERETT - STATION NO. 02ED014

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1988	---	2.54	2.81	3.11	2.10	1.18	0.766	0.778	1.00	1.27	1.63	1.29	---	1988
1989	1.75	1.42	3.87	2.89	2.28	1.84	0.967	0.900	0.937	1.05	1.67	1.33	1.74	1989
1990	2.09	2.21	5.53	3.29	2.74	1.85	1.32	1.04	0.968	1.42	1.81	2.47	2.23	1990
MEAN	1.92	2.06	4.07	3.10	2.37	1.62	1.02	0.906	0.968	1.25	1.70	1.70	1.99	MEAN

LOCATION - LAT 44 11 58 N LONG 079 57 35 W DRAINAGE AREA, 195 km² NATURAL FLOW

REMARKS - STATION OPERATION ASSUMED BY WRB APR 1988. OPERATED BY OMOE AS 02ED103 UP 1986

PINE RIVER NEAR EVERETT - STATION NO. 02ED014

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1988	7.55B AT 01:00 EST ON MAR 26	6.74B ON MAR 26	0.700E ON JUL 26	---	1988
1989	25.7 AT 09:30 EST ON MAR 28	21.1 ON MAR 28	0.620E ON AUG 28 *	55 000	1989
1990	30.9 AT 18:05 EST ON MAR 12 *	25.0 B ON MAR 12 *	0.855E ON SEP 13	70 300	1990
				62 700	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

PINKIMUTA RIVER AT EYES LAKE - STATION NO. 04FA003

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1966	---	---	---	---	---	---	---	---	---	37.3	27.5	14.6	---	1966
1967	7.94	6.77	7.00	10.9	115	150	41.6	31.0	10.0	---	---	20.3	---	1967
1968	13.6	8.79	5.84	39.5	117	106	109	111	76.4	103	75.5	30.7	66.7	1968
1969	13.6	10.2	9.41	60.1	159	139	175	58.1	120	146	54.5	32.7	81.9	1969
1970	18.1	11.5	8.64	13.6	163	85.7	75.0	67.7	151	126	79.2	38.0	70.2	1970
1971	22.6	15.1	11.6	67.3	249	69.1	69.8	129	34.9	100	112	38.2	77.1	1971
1972	19.3	11.8	8.63	13.9	192	61.0	86.4	61.3	40.2	97.3	51.1	28.5	56.3	1972
1973	17.7	12.3	9.73	21.9	188	72.2	94.0	44.0	51.2	55.2	44.0	25.3	53.3	1973
1974	15.2	10.2	7.80	12.9	180	228	110	161	135	86.3	35.1	24.1	82.4	1974
1975	16.8	11.9	8.50	13.2	154	88.6	88.2	92.9	44.2	26.4	36.7	16.5	50.2	1975
1976	9.37	6.77	5.88	70.9	131	53.2	22.2	24.4	41.7	40.7	20.8	10.4	36.5	1976
1977	6.61	5.33	4.86	63.1	122	40.9	47.3	52.6	87.8	48.1	31.1	17.9	44.1	1977
1978	12.1	9.96	8.98	13.8	183	96.7	53.3	117	128	69.2	51.1	30.0	64.4	1978
1979	9.30	6.84	7.04	45.1	174	84.3	100	67.8	188	115	113	31.3	78.8	1979
1980	14.8	8.24	5.46	41.2	104	26.5	14.9	16.6	38.9	87.0	38.1	14.9	34.3	1980
1981	8.87	6.33	9.47	14.8	144	103	41.9	12.0	12.8	30.8	54.3	21.3	45.2	1981
1982	10.1	7.18	6.21	7.87	194	156	65.6	65.5	73.8	112	60.4	23.0	65.5	1982
1983	10.6	6.79	5.05	9.42	81.2	54.2	107	29.4	22.7	33.2	30.3	17.5	34.2	1983
1984	11.8	9.24	7.72	76.5	109	86.5	43.0	25.8	27.9	43.4	43.4	25.7	42.5	1984
1985	15.2	10.2	7.65	16.5	305	142	118	66.2	94.6	137	55.5	21.2	83.0	1985
1986	10.3	6.02	4.28	48.0	192	35.8	41.6	29.6	31.8	66.2	33.0	14.7	43.1	1986
1987	8.06	6.32	6.50	64.1	91.2	26.5	26.5	36.4	46.9	39.8	29.8	14.7	33.2	1987
1988	9.18	7.10	5.72	9.47	70.1	53.4	23.6	12.6	71.4	164	87.1	37.0	46.0	1988
1989	14.0	7.54	5.82	5.71	66.6	68.9	44.6	36.6	54.3	35.1	16.4	10.1	30.6	1989
1990	7.30	5.63	3.71	11.4	110	76.9	37.1	20.5	18.0	27.1	25.7	19.8	30.4	1990
MEAN	12.6	8.75	7.15	31.3	150	91.0	68.2	57.0	66.7	75.3	50.5	22.7	54.3	MEAN

LOCATION - LAT 52 18 30 N DRAINAGE AREA, 4 900 km²
LONG 088 45 15 W NATURAL FLOW

PINKIMUTA RIVER AT EYES LAKE - STATION NO. 04FA003

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1966	---	---	---	---	1966
1967	---	334E ON MAY 30	---	---	1967
1968	---	186 ON OCT 26	5.41B ON MAR 21	2 110 000	1968
1969	311 AT 20:00 EST ON JUL 02	309 ON JUL 02	8.95B ON APR 05	2 580 000	1969
1970	215 AT 22:20 EST ON SEP 13	214 ON SEP 13	7.70B ON APR 06	2 210 000	1970
1971	354 AT 16:40 EST ON MAY 11	351 ON MAY 11	10.9 B ON MAR 28	2 430 000	1971
1972	231 AT 10:20 EST ON MAY 06	231 ON MAY 06	7.70B ON APR 06	1 780 000	1972
1973	251 AT 04:38 EST ON MAY 12	251 ON MAY 11	8.95B ON APR 12	1 680 000	1973
1974	---	343E ON MAY 26	7.02B ON APR 09	2 600 000	1974
1975	214 AT 18:34 EST ON MAY 09	213 ON MAY 09	6.06B ON APR 16	1 580 000	1975
1976	162 AT 12:50 EST ON APR 26	165 ON APR 26	5.78B ON MAR 25	1 150 000	1976
1977	162 AT 13:40 EST ON APR 25	161 ON APR 25	4.56B ON MAR 25	1 390 000	1977
1978	283 AT 21:41 EST ON MAY 15	282 ON MAY 15	8.72B ON APR 06	2 030 000	1978
1979	---	256E ON SEP 11	6.06B ON MAR 13	2 490 000	1979
1980	173 AT 08:41 EST ON MAY 03	172 ON MAY 03	4.67B ON APR 08	1 090 000	1980
1981	---	243E ON JUN 21	7.57B ON FEB 08	1 420 000	1981
1982	---	285E ON MAY 07	4.75B ON APR 14	1 070 000	1982
1983	181 AT 12:11 EST ON JUL 10	179 ON JUL 10	4.25B ON APR 10	1 080 000	1983
1984	199 AT 16:52 EST ON APR 30	198 ON APR 30	7.17B ON MAR 29	1 340 000	1984
1985	451 AT 09:19 EST ON MAY 04 *	437 ON MAY 05 *	6.85B ON APR 15	2 620 000	1985
1986	231 AT 22:39 EST ON MAY 17	230 ON MAY 17	3.81B ON MAR 31	1 380 000	1986
1987	---	162 ON APR 30	6.02B ON MAR 12	1 050 000	1987
1988	---	182E ON OCT 08	5.35B ON MAR 31	1 450 000	1988
1989	---	133E ON MAY 28	5.18B ON APR 18	965 000	1989
1990	129 AT 05:58 EST ON MAY 08	129 ON MAY 08	2.80B ON APR 15 *	959 000	1990
				1 710 000	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

PINEWOOD RIVER NEAR PINEWOOD - STATION NO. 05PC011

MONTHLY AND ANNUAL MEAN DISCHARGES FOR MAR TO OCT IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1952	----	----	----	----	2.30	4.13	7.69	0.714	0	0.076	----	----	----	1952
1953	----	----	----	0.849	2.16	7.94	1.56	0.709	3.28	0.867	0.364	----	----	1953
1954	----	----	----	12.8	10.1	2.82	0.922	0.183	0.845	0.284	0.541	----	----	1954
1955	----	----	----	13.0	3.77	11.3	0.931	0.150	1.18	4.34	----	----	----	1955
1956	----	----	----	18.7	9.60	3.84	2.69	0.485	0.105	0.117	----	----	----	1956
1957	----	----	----	12.9	3.80	3.00	2.61	0.168	0.815	1.33	----	----	----	1957
1958	----	----	0.240	1.36	0.894	2.71	11.7	0.523	0.117	0.514	----	----	2.26	1958
1959	----	----	0.091	6.97	5.47	4.95	0.538	0.028	0.294	1.03	----	----	2.40	1959
1960	----	----	----	4.83	1.74	1.67	0.570	0.257	0.124	0.370	----	----	----	1960
1961	----	----	1.61	5.05	3.53	0.391	0.632	0.339	5.15	2.12	----	----	2.36	1961
1962	----	----	0	13.6	22.0	10.9	9.03	5.17	3.96	0.942	----	----	8.19	1962
1963	----	----	1.08	7.70	5.70	12.0	1.68	0.820	0.056	0.034	----	----	3.60	1963
1964	----	----	0	4.44	10.3	8.37	1.77	3.59	7.19	7.89	----	----	5.40	1964
1965	----	----	0	14.7	12.6	7.01	4.49	0.383	3.81	7.72	----	----	6.31	1965
1966	----	----	0.378	27.4	15.5	4.61	1.21	5.89	1.08	0.838	----	----	7.08	1966
1967	----	----	0.798	22.0	10.6	11.1	2.81	0.952	0.016	0.252	----	----	6.00	1967
1968	----	----	1.06	6.81	2.78	19.3	6.42	9.09	11.7	12.8	----	----	8.70	1968
1969	----	----	0	18.0	5.86	3.49	0.317	3.17	0.173	1.57	----	----	4.03	1969
1970	----	----	0	13.5	16.8	6.66	1.32	0.015	0.298	1.18	----	----	4.96	1970
1971	----	----	0	10.0	7.36	2.85	1.20	0.348	0.247	7.80	----	----	3.47	1971
1972	----	----	0.028	10.9	2.78	6.24	0.455	0.052	0.159	0.415	----	----	2.71	1972
1973	----	----	0.872	1.79	0.754	0.727	0.812	3.58	3.64	6.44	----	----	2.33	1973
1974	----	----	0	14.4	15.9	12.2	1.46	0.858	0.552	1.41	----	----	5.80	1974
1975	----	----	0	13.6	9.19	3.04	1.80	0.019	0.044	0.271	----	----	3.47	1975
1976	----	----	0.136	8.44	1.29	2.29	0.910	0.014	0	0.009	----	----	1.61	1976
1977	----	----	0.311	0.945	1.60	1.83	0.698	0.062	2.97	2.71	----	----	1.88	1977
1978	----	----	0.002	16.4	9.01	10.6	7.68	1.78	1.12	0.550	----	----	5.84	1978
1979	----	----	0.123	25.6	8.25	4.69	0.702	0.157	0.170	0.158	----	----	4.91	1979
1980	----	----	0	7.02	1.31	0.085	0.049	0.375	2.34	2.13	----	----	1.67	1980
1981	----	----	0.138	1.18	1.30	7.31	2.24	0.633	0.813	3.94	----	----	2.17	1981
1982	----	----	0	10.3	12.6	3.77	4.71	2.02	0.660	8.45	----	----	5.35	1982
1983	----	----	0.261	3.96	2.40	7.71	2.19	0.016	0.398	2.68	----	----	2.42	1983
1984	----	----	0.228	6.18	2.69	12.6	1.61	0.028	0	6.64	----	----	3.71	1984
1985	----	----	1.65	9.85	14.1	16.5	5.82	4.77	5.97	6.60	----	----	8.12	1985
1986	----	----	1.55	17.0	10.9	0.142	0.036	0.004	0.082	0.058	----	----	1.68	1986
1987	----	----	0.419	0.839	2.39	1.48	0.129	0.728	0.251	0.215	----	----	0.806	1987
1988	----	----	0.028	3.43	0.272	0.199	0.579	0.502	1.61	0.549	----	----	0.911	1988
1989	----	----	0.131	11.9	6.82	8.07	13.4	2.31	0.198	0.080	----	----	5.35	1989
1990	----	----	1.57	2.56	2.97	3.99	2.84	0.047	0.001	0.015	----	----	1.75	1990
MEAN	----	----	0.397	10.0	6.79	5.92	2.77	1.31	1.57	2.44	0.453	----	4.04	MEAN

LOCATION - LAT 48 45 10 N DRAINAGE AREA, 461 km²
LONG 094 14 00 W NATURAL FLOW

REMARKS - HIGHER MAXIMUM DISCHARGES ARE KNOWN TO HAVE OCCURRED OUTSIDE THE STANDARD PERIOD IN 1971

PINEWOOD RIVER NEAR PINEWOOD - STATION NO. 05PC011

EXTREMES OF DISCHARGE AND TOTAL DISCHARGE FOR MAR TO OCT FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1952	---	21.8 ON APR 17	0 ON AUG 24 *	---	1952
1953	---	12.7 ON JUN 10	---	---	1953
1954	---	27.0 B ON APR 14	---	---	1954
1955	---	32.3 ON JUN 05	---	---	1955
1956	---	38.2 ON APR 22	0 ON AUG 18	---	1956
1957	---	56.4 ON APR 24	---	---	1957
1958	22.7 A AT 08:20 CST ON JUL 17	22.7 A ON JUL 17	0 B ON MAR 04	47 900	1958
1959	18.2 AT 03:00 CST ON APR 10	16.9 ON APR 10	0 B ON MAR 01	50 800	1959
1960	16.6 AT 10:30 CST ON APR 17	14.8 ON APR 15	0 B ON APR 01	---	1960
1961	14.9 AT 00:00 CST ON APR 23	14.6 ON APR 22	0 B ON MAR 01	50 000	1961
1962	65.7 AT 07:00 CST ON MAY 24	61.2 ON MAY 24	0 B ON MAR 01	173 000	1962
1963	54.4 AT 22:00 CST ON JUN 02	48.1 ON JUN 03	0 B ON MAR 01	76 300	1963
1964	46.4 AT 14:00 CST ON MAY 08	43.0 ON MAY 07	0 B ON MAR 01	114 000	1964
1965	---	34.3 ON APR 19	0 B ON MAR 01	134 000	1965
1966	62.0 AT 04:00 CST ON APR 18	60.6 ON APR 18	0 B ON MAR 01	150 000	1966
1967	69.4 AT 15:30 CST ON APR 22	66.8 ON APR 22	0 B ON MAR 01	127 000	1967
1968	64.6 AT 00:00 CST ON AUG 26	56.9 ON AUG 26	0 B ON MAR 01	184 000	1968
1969	51.8 AT 14:00 CST ON APR 15	51.5 ON APR 15	0 B ON MAR 01	85 300	1969
1970	49.0 B AT 22:30 CST ON APR 28	47.3 B ON APR 29	0 B ON MAR 01	105 000	1970
1971	---	23.3 B ON APR 14	0 B ON MAR 01	73 400	1971
1972	---	27.4 B ON APR 23	0 B ON MAR 01	57 300	1972
1973	21.0 AT 06:00 CST ON OCT 12	20.4 ON OCT 12	0 B ON MAR 01	49 300	1973
1974	46.7 AT 10:49 CST ON JUN 08	43.9 ON APR 22	0 B ON MAR 01	123 000	1974
1975	47.9 A AT 04:00 CST ON APR 26	46.7 A ON APR 26	0 B ON MAR 01	73 500	1975
1976	13.2 B AT 17:50 CST ON APR 08	12.6 B ON APR 11	0 B ON MAR 01	34 200	1976
1977	16.4 AT 04:25 CST ON JUN 01	15.7 ON JUN 01	0 B ON MAR 01	39 900	1977
1978	52.4 AT 14:30 CST ON JUN 01	50.4 ON JUN 01	0 B ON MAR 01	124 000	1978
1979	---	104 ON APR 25 *	0 B ON MAR 01	104 000	1979
1980	15.0 AT 21:20 CST ON APR 06	12.2 B ON APR 07	0 B ON MAR 01	35 400	1980
1981	12.2 AT 16:30 CST ON JUN 29	12.2 ON JUN 15	0 B ON MAR 01	46 000	1981
1982	40.3 B AT 06:00 CST ON APR 18	38.9 B ON APR 18	0 B ON MAR 01	113 000	1982
1983	---	23.8 ON JUN 23	0 B ON MAR 01	51 300	1983
1984	65.0 AT 18:54 CST ON JUN 10	58.8 ON JUN 10	0 B ON MAR 01	78 600	1984
1985	65.8 E AT 12:00 CST ON JUN 23	64.6 E ON JUN 23	0 B ON MAR 01	172 000	1985
1986	44.6 AT 10:35 CST ON APR 30	43.9 ON APR 30	0 ON JUN 29	77 900	1986
1987	8.31 AT 17:35 CST ON MAY 22	7.80 ON MAY 23	0.009 ON JUL 09	17 100	1987
1988	---	11.4 B ON APR 09	0.002B ON MAR 01	19 300	1988
1989	74.8 AT 21:26 CST ON JUL 07 *	65.7 ON JUL 07	0.018 ON OCT 14	113 000	1989
1990	11.9 AT 17:52 CST ON JUL 09	11.6 ON JUL 09	0 ON SEP 03	36 900	1990
				85 500	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX)
B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

PIPESTONE RIVER ABOVE RAINY LAKE - STATION NO. 05PB015

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1963	---	---	---	---	---	14.9	5.49	6.73	1.52	0.368	---	---	---	1963
1965	---	---	---	---	---	---	---	---	---	---	4.83	4.12	---	1965
1966	4.04	2.87	---	---	19.1	2.53	0.839	---	---	---	---	---	---	1966
1967	---	---	---	---	11.7	3.90	2.30	1.88	0.470	---	---	---	---	1967
1968	---	---	1.47	5.29	6.17	5.39	---	---	---	---	---	---	---	1968
1970	---	---	---	---	---	6.18	1.40	0.420	1.86	---	---	---	---	1970
1978	---	---	0.788	9.31	8.64	9.04	3.20	3.91	4.24	2.00	0.939	---	---	1978
1982	---	---	---	---	---	---	---	---	1.24	---	---	---	---	1982
1983	---	---	---	6.00	3.91	6.93	6.36	1.98	1.78	7.10	3.12	4.00	---	1983
1984	2.04	1.47	1.27	8.88	6.92	10.3	4.33	1.27	0.614	1.80	2.56	2.12	3.62	1984
1985	1.39	1.06	1.23	18.6	17.3	6.29	6.49	2.62	11.5	13.4	3.00	1.59	7.06	1985
1986	1.10	0.880	1.16	14.7	14.8	1.69	1.28	0.311	0.585	1.94	1.88	1.75	3.52	1986
1987	1.19	0.904	2.32	3.26	2.61	1.90	0.525	8.58	2.70	1.00	0.997	1.03	2.26	1987
1988	0.568	0.475	0.067	6.69	4.63	1.28	1.39	8.64	10.5	4.02	3.24 R	2.09 R	3.77 R	1988
1989	2.21	1.19	1.16	14.8	8.95	8.97	---	---	---	---	1.54	0.817	---	1989
1990	0.637	0.682	3.17	7.67	9.84	7.98	3.41	0.341	0.029	0.170	0.581	0.525	2.93	1990
MEAN	1.65	1.19	1.49	9.52	9.55	6.23	3.08	3.33	3.09	3.53	2.27 R	2.09 R	3.86 R	MEAN

LOCATION - LAT 48 34 07 N
LONG 092 31 27 W
DRAINAGE AREA, 443 km^2
NATURAL FLOW

R - REVISED SINCE JAN 01 1989

PIPESTONE RIVER ABOVE RAINY LAKE - STATION NO. 05PB015

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1963	---	---	---	---	1963
1965	---	---	---	---	1965
1966	---	---	---	---	1966
1967	---	---	---	---	1967
1968	---	---	---	---	1968
1970	---	---	---	---	1970
1978	22.6 AT 08:20 CST ON JUN 02	22.3 ON JUN 02	---	---	1978
1982	---	---	---	---	1982
1983	13.2 AT 11:38 CST ON JUL 05	13.1 ON JUL 05	---	---	1983
1984	29.5 AT 05:10 CST ON JUN 09	28.2 ON JUN 09	0.255 ON OCT 15	115 000	1984
1985	65.3 AT 20:08 CST ON APR 23 *	60.0 ON APR 27 *	0.905B ON MAR 10	223 000	1985
1986	24.1 AT 15:09 CST ON MAY 13	23.5 ON MAY 02	0.099 ON SEP 01	111 000	1986
1987	21.1 AT 00:37 CST ON AUG 02	16.5 ON AUG 01	0.246 ON JUL 16	71 400	1987
1988	25.4 AT 15:02 CST ON SEP 23	25.2 ON SEP 23	0.416B ON JAN 28	119 000	1988
1989	32.5 AT 07:42 CST ON APR 26	30.7 ON APR 26	0.665B ON DEC 31	---	1989
1990	24.6 AT 16:55 CST ON APR 30	23.8 ON APR 30	0.007E ON SEP 30 *	92 300	1990
				122 000	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

PIPESTONE RIVER AT KARL LAKE - STATION NO. 04DA001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1967	17.6	9.97	6.73	14.8	179	200	59.8	43.1	13.7	14.0	23.5	18.6	50.3	1967
1968	13.8	10.7	8.62	22.6	156	205	136	148	118	93.1	90.4	42.5	87.3	1968
1969	23.6	20.2	15.3	48.3	126	130	162	77.6	185	209	64.0	39.1	92.1	1969
1970	25.0	17.2	12.7	12.9	146	118	119	50.4	108	125	110	50.7	74.9	1970
1971	32.0	22.2	17.0	67.3	237	64.2	66.9	115	29.3	64.7	101	45.8	73.5	1971
1972	28.1	20.0	15.3	17.4	205	79.6	80.0	67.3	38.6	108	61.5	30.7	63.0	1972
1973	21.0	15.3	12.4	27.6	148	66.7	71.1	31.5	60.8	83.6	56.0	30.6	52.4	1973
1974	16.3	12.8	10.7	14.3	192	304	112	151	145	77.1	46.1	35.4	93.5	1974
1975	26.9	22.3	17.7	20.1	176	110	62.3	67.5	53.4	35.5	39.2	25.5	54.9	1975
1976	17.5	13.5	10.7	48.6	138	52.2	23.1	17.7	26.3	27.1	27.6	13.5	34.2	1976
1977	10.3	9.37	8.58	40.6	117	57.2	50.7	73.3	71.6	58.8	38.0	23.3	44.8	1977
1978	14.4	10.7	9.24	10.5	176	128	147	122	124	74.2	60.8	28.4	75.9	1978
1979	16.3	12.0	10.6	30.7	168	83.1	54.8	61.0	110	108	91.4	36.4	66.1	1979
1980	20.4	13.8	10.1	29.6	117	34.4	15.0	14.5	60.2	103	45.6	20.5	40.4	1980
1981	12.9	8.54	7.08	12.8	88.0	118	50.0	14.3	44.7	74.8	44.4	27.1	42.8	1981
1982	14.8	10.8	10.2	10.8	239	184	71.5	45.4	61.8	108	48.7	21.5	69.3	1982
1983	14.2	10.7	8.77	12.4	58.6	65.8	146	28.9	15.8	23.6	30.9	21.8	36.7	1983
1984	16.4	12.7	9.04	52.1	115	85.4	62.5	29.5	21.9	48.4	52.9	33.5	45.0	1984
1985	21.1	12.8	9.35	48.7	366	161	137	83.4	96.0	142	62.8	25.6	97.9	1985
1986	15.8	12.1	9.89	54.5	181	45.7	38.3	37.7	46.4	69.2	37.0	24.3	46.0	1986
1987	18.9	14.1	10.7	72.3	93.1	50.9	38.9	34.4	34.7	43.9	33.5	17.5	39.5	1987
1988	9.56	6.43	5.73	10.4	66.3	55.1	33.7	15.8	31.0	65.4	40.4	26.2	30.5	1988
1989	18.2	12.8	9.26	8.03	123	100	64.3	28.2	30.7	25.5	18.0	13.0	37.8	1989
1990	10.1	8.22	7.43	17.3	135	82.6	42.3	13.1	11.5	25.8	27.4	20.5	33.6	1990
MEAN	18.2	13.3	10.5	30.0	156	108	76.8	57.1	64.4	75.2	52.3	28.0	57.8	MEAN

LOCATION - LAT 52 34 50 N DRAINAGE AREA, 5 960 km^2
LONG 090 11 20 W NATURAL FLOW

PIPESTONE RIVER AT KARL LAKE - STATION NO. 04DA001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1967	---	498 ON MAY 30	5.10B ON MAR 12 *	1 590 000	1967
1968	---	303 ON MAY 26	8.13B ON MAR 23	2 760 000	1968
1969	309 AT 12:05 EST ON OCT 01	309 ON OCT 01	12.1 ON APR 05	2 900 000	1969
1970	183 AT 03:36 EST ON MAY 13	183 ON MAY 12	9.77 ON APR 20	2 360 000	1970
1971	331 AT 13:55 EST ON MAY 10	331 ON MAY 10	14.4 ON MAR 29	3 320 000	1971
1972	253 AT 12:34 EST ON MAY 10	253 ON MAY 10	14.0 E ON APR 07	1 990 000	1972
1973	169 AT 04:47 EST ON MAY 13	160 ON MAY 12	11.8 ON APR 01	1 650 000	1973
1974	413 AT 18:49 EST ON JUN 13	413 ON JUN 13	10.2 B ON APR 01	2 950 000	1974
1975	236 AT 08:13 EST ON MAY 13	235 ON MAY 11	14.1 E ON APR 12	1 730 000	1975
1976	162 AT 10:35 EST ON MAY 16	161 ON MAY 15	9.94 ON MAR 23	1 080 000	1976
1977	144 AT 05:21 EST ON MAY 02	143 ON MAY 02	8.21 ON APR 08	1 480 000	1977
1978	294 AT 15:40 EST ON MAY 16	292 ON MAY 16	8.89B ON APR 11	2 390 000	1978
1979	234 AT 02:53 EST ON MAY 23	233 ON MAY 22	9.74B ON MAR 16	2 090 000	1979
1980	181 AT 20:55 EST ON MAY 05	180 ON MAY 05	7.43 ON APR 16	1 280 000	1980
1981	159 AT 22:47 EST ON JUN 23	158 ON JUN 23	6.85B ON MAR 22	1 350 000	1981
1982	329 AT 20:01 EST ON MAY 11	327 ON MAY 11	7.10B ON APR 14	2 190 000	1982
1983	---	246 E ON JUL 08	7.65B ON APR 16	1 160 000	1983
1984	138 AT 17:53 EST ON MAY 04	137 ON MAY 04	8.32B ON MAR 29	1 420 000	1984
1985	559 AT 05:48 EST ON MAY 05 *	556 ON MAY 05 *	7.98B ON APR 13	3 090 000	1985
1986	245 AT 21:13 EST ON MAY 08	244 ON MAY 08	9.36 ON MAR 25	1 510 000	1986
1987	168 AT 00:50 EST ON APR 28	166 ON APR 27	10.3 B ON MAR 18	1 240 000	1987
1988	85.8 AT 19:21 EST ON MAY 14	84.7 ON MAY 14	5.64B ON MAR 25	965 000	1988
1989	188 AT 17:30 EST ON MAY 30	187 ON MAY 30	6.14 ON APR 20	1 190 000	1989
1990	160 AT 19:37 EST ON MAY 11	159 ON MAY 08	6.75B ON MAR 10	1 060 000	1990
				1 820 000	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

PORCUPINE RIVER AT HOYLE - STATION NO. 04MD004

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1977	0.826	0.432	2.75	17.4	7.12	2.39	1.60	0.980	6.00	3.03	7.39	2.08	4.32	1977
1978	0.833	0.555	0.410	2.61	27.5	10.4	7.25	1.33	1.71	7.67	2.47	1.40	5.38	1978
1979	0.893	0.826	1.36	21.0	31.6	9.95	2.12	1.02	3.73	10.3	5.74	2.32	7.60	1979
1980	1.06	1.21	0.595	22.4	15.5	4.22	3.10	1.91	4.56	6.50	3.09	1.36	5.44	1980
1981	0.736	1.47	3.19	25.9	13.0	2.73	1.30	0.557	0.525	3.47	3.46	1.36	4.80	1981
1982	1.07	0.788	0.829	9.33	21.1	2.75	4.75	0.949	4.86	13.3	5.98	2.75	5.75	1982
1983	0.976	0.614	1.70	7.29	35.9	8.62	1.28	1.14	4.02	6.36	3.65	1.90	6.19	1983
1984	1.13	1.03	1.77	19.5	6.54	11.7	6.64	1.19	1.25	2.51	5.03	3.67	5.20	1984
1985	1.47	0.784	0.811	18.1	12.6	3.36	6.98	2.91	1.59	5.28	6.62	2.12	5.23	1985
1986	1.09	0.904	1.01	21.7	12.9	2.42	1.92	5.04	4.88	9.04	4.35	1.89	5.60	1986
1987	1.31	0.971	1.64	10.7	4.49	3.42	4.30	5.19	4.22	7.58	4.07	2.33	4.20	1987
1988	1.41	1.26	1.29	16.7	22.6	2.57	1.07	7.62	5.66	6.63	13.9	4.07	7.07	1988
1989	1.29	1.08	1.02	12.3	27.9	7.79	2.87	3.33	1.44	2.91	5.54	1.95	5.81	1989
1990	1.26	1.09	5.10	20.7	17.1	6.62	6.72	1.76	2.51	11.5	6.89	2.81	7.04	1990
MEAN	1.10	0.987	1.68	16.1	18.3	5.62	3.71	2.51	3.35	6.86	5.58	2.29	5.69	MEAN

LOCATION - LAT 48 33 22 N
LONG 061 03 25 W

DRAINAGE AREA, 401 km²
NATURAL FLOW

PORCUPINE RIVER AT HOYLE - STATION NO. 04MD004

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1977	---	35.7E ON APR 23	0.096 ON JUN 16 *	136 000	1977
1978	52.1 AT 08:11 EST ON MAY 14	31.8 ON MAY 14	0.354B ON MAR 18	170 000	1978
1979	82.6 AT 17:13 EST ON APR 27 *	82.3 ON APR 27 *	0.223 ON JUL 24	240 000	1979
1980	63.5 AT 19:03 EST ON APR 25	59.4 ON APR 25	0.515 ON AUG 08	172 000	1980
1981	38.9 AT 11:10 EST ON APR 14	37.3 ON APR 14	0.386 ON AUG 29	151 000	1981
1982	62.9 AT 00:00 EST ON MAY 04	62.0A ON MAY 03	0.544 ON AUG 15	181 000	1982
1983	59.1 AT 00:58 EST ON MAY 05	57.9 ON MAY 04	0.432 ON JUL 28	195 000	1983
1984	44.0 AT 13:11 EST ON JUN 28	43.7 ON JUN 28	0.650 ON SEP 05	165 000	1984
1985	81.4 AT 01:42 EST ON APR 26	79.8 ON APR 26	0.650B ON MAR 21	165 000	1985
1986	50.4 AT 05:32 EST ON APR 21	49.4 ON APR 21	0.820B ON MAR 04	177 000	1986
1987	17.0 AT 03:06 EST ON APR 18	16.9 ON APR 18	0.795B ON MAR 04	132 000	1987
1988	62.5 AT 01:37 EST ON MAY 02	60.4 ON MAY 02	0.544E ON AUG 01	224 000	1988
1989	---	49.0E ON MAY 05	0.880B ON MAR 11	183 000	1989
1990	65.8 AT 09:03 EST ON APR 27	65.3 ON APR 27	0.530 ON AUG 22	222 000	1990
				180 000	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX)
B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

RAINY RIVER AT FORT FRANCES - STATION NO. 05PC019

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1905	---	---	---	---	---	---	---	---	---	---	360	332	---	1905
1906	314	259	212	224	366	438	469	406	316	235	190	173	301	1906
1907	161	151	145	136	167	287	415	490	508	579	504	406	338	1907
1908	311	241	193	179	223	310	432	433	355	278	208	162	278	1908
1909	139	116	120	69.8	15.9	193	317	312	270	242	152	297	188	1909
1910	310	298	286	327	323	296	185	148	143	155	163	116	229	1910
1911	79.3	70.9	73.4	73.6	136	170	119	174	162	141	141	147	124	1911
1912	151	137	134	137	172	170	218	229	209	195	191	178	177	1912
1913	188	186	182	180	187	206	356	242	192	180	173	178	205	1913
1914	190	194	190	190	195	240	296	284	276	277	281	255	239	1914
1915	262	222	208	213	221	208	236	248	213	198	196	249	223	1915
1916	250	261	273	266	673	1 020	601	352	306	309	287	270	412	1916
1917	293	288	286	290	288	267	269	256	197	161	158	146	241	1917
1918	125	92.2	106	114	122	138	162	210	190	193	146	165	148	1918
1919	193	190	168	149	137	229	301	280	247	240	206	169	209	1919
1920	184	194	204	223	218	305	421	290	219	187	196	129	231	1920
1921	162	110	185	216	162	164	201	158	191	162	189	198	175	1921
1922	180	193	206	203	256	267	229	218	203	190	198	185	211	1922
1923	205	220	202	153	163	189	179	164	145	130	112	115	165	1923
1924	122	88.9	95.7	111	116	121	117	109	89.9	90.2	106	101	106	1924
1925	103	99.9	123	142	169	191	205	169	162	167	167	172	156	1925
1926	166	169	171	166	148	146	190	221	232	318	399	323	221	1926
1927	290	285	336	446	977	1 040	926	409	260	252	263	237	479	1927
1928	244	252	260	231	214	211	191	241	311	519	375	245	275	1928
1929	245	332	368	236	224	212	225	209	192	175	124	88.4	219	1929
1930	108	102	96.8	107	118	123	108	116	136	127	130	75.8	112	1930
1931	65.3	67.6	65.3	99.4	84.8	116	112	107	124	122	118	117	100	1931
1932	116	144	159	155	142	158	151	134	155	148	136	189	149	1932
1933	225	260	236	269	219	125	144	136	135	102	90.3	160	175	1933
1934	206	211	226	171	427	622	336	192	173	203	197	207	264	1934
1935	187	186	193	204	261	365	554	283	219	241	242	210	263	1935
1936	212	240	233	203	246	226	203	194	164	144	132	127	194	1936
1937	133	165	196	185	392	690	335	273	246	184	163	168	261	1937
1938	158	151	170	321	922	951	407	214	224	167	138	129	330	1938
1939	138	208	254	175	179	188	162	203	256	225	219	172	198	1939
1940	167	171	192	177	171	141	237	234	186	136	152	127	174	1940
1941	76.4	83.7	105	206	223	341	315	297	459	1 120	762	424	369	1941
1942	309	294	244	235	281	315	266	291	391	247	235	207	276	1942
1943	224	228	246	252	343	930	830	400	377	266	255	232	382	1943
1944	257	185	133	182	290	862	727	916	732	338	304	322	438	1944
1945	289	276	296	568	618	368	351	246	218	217	195	207	321	1945
1946	235	264	281	352	560	303	226	124	151	355	498	416	314	1946
1947	334	322	345	311	339	894	534	342	293	305	297	273	382	1947
1948	261	268	310	366	704	347	308	308	280	208	147	117	309	1948
1949	162	178	199	250	257	271	513	384	268	257	240	263	271	1949
1950	295	322	349	312	708	1 320	1 340	1 030	430	440	305	408	614	1950
1951	369	302	301	309	571	622	353	207	288	331	329	459	371	1951
1952	430	361	327	278	161	161	578	335	349	216	189	182	298	1952
1953	206	172	217	200	149	345	493	315	303	292	260	251	268	1953
1954	255	261	278	241	726	1 100	517	256	241	220	149	178	369	1954
1955	208	218	225	269	209	168	357	262	146	144	184	244	220	1955
1956	286	301	304	386	501	559	362	283	246	144	117	120	301	1956
1957	209	200	210	234	309	457	586	261	238	246	239	242	287	1957
1958	263	249	249	177	90.8	93.0	142	107	104	116	113	116	151	1958
1959	184	186	216	190	168	205	229	222	249	263	271	264	221	1959
1960	268	233	215	181	127	381	264	206	190	170	134	143	209	1960
1961	158	198	195	220	284	370	199	201	192	257	222	270	231	1961
1962	245	261	314	277	514	770	610	543	403	249	200	176	381	1962
1963	219	221	237	170	158	498	514	416	265	241	208	198	279	1963
1964	218	215	188	163	330	803	808	388	484	451	327	339	393	1964
1965	308	281	272	314	419	714	390	266	252	542	601	413	398	1965
1966	402	356	364	532	835	954	423	272	232	161	123	152	400	1966
1967	146	149	146	213	552	389	343	282	208	179	115	116	237	1967
1968	141	154	116	137	367	859	1 020	648	347	505	607	365	440	1968
1969	303	437	324	379	507	778	445	440	230	264	284	342	394	1969
1970	290	296	283	216	526	909	639	235	200	364	612	543	426	1970
1971	398	321	282	375	494	589	329	158	112	289	877	748	414	1971
1972	402	335	330	290	298	259	344	355	235	163	233	266	299	1972
1973	201	194	167	180	124	112	161	297	326	486	431	397	257	1973
1974	322	314	295	227	627	938	670	199	274	261	358	331	401	1974
1975	328	333	291	310	516	383	415	195	141	117	197	236	288	1975
1976	239	195	259	335	333	224	289	150	107	115	94.4	92.4	203	1976
1977	94.9	95.2	94.9	94.8	74.4	73.4	84.7	85.7	507	898	761	507	288	1977
1978	393	300	284	212	192	776	568	392	409	256	223	268	356	1978
1979	217	196	257	284	714	774	281	186	131	109	132	213	291	1979
1980	266	286	216	150	80.0	72.0	72.3	72.8	70.5	71.9	196	239	149	1980
1981	249	256	178	119	333	463	329	168	110	108	166	213	224	1981
1982	215	224	242	204	357	557	428	377	197	419	569	507	359	1982
1983	358	284	287	245	123	161	408	273	242	293	307	370	280	1983
1984	312	283	261	231	241	489	463	217	111	122	132	206	256	1984
1985	225	234	225	254	777	698	766	395	372	770	447	432	468	1985
1986	338	302	250	252	770	420	329	212	154	166	236	241	306	1986
1987	211	208	198	141	68.9	56.2	62.8	78.6	278	211	183	172	155	1987
1988	171	146	134	118	101	98.8	78.1	261	768	472	275	354	248	1988
1989	357	299	227	194	444	530	585	157	147	132	133	135	278	1989

CONTINUED

RAINY RIVER AT PORT FRANCES - STATION NO. 05PC019 (CONTINUED)

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1990	139	144	185	146	439	605	527	218	116	116	100	183	244	1990
MEAN	231	223	222	226	331	425	376	274	250	259	253	243	276	MEAN

LOCATION - LAT 48 36 30 N DRAINAGE AREA 38 600 km²
LONG 093 24 00 W REGULATED SINCE 1909

REMARKS - SUMMATIONS OF FLOWS THROUGH 3 OUTLETS

RAINY RIVER AT FORT FRANCES - STATION NO. 05PC019

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1905	---	---	---	---	1905
1906	---	481 ON JUL 04	167 ON DEC 26	9 480 000	1906
1907	---	600 ON SEP 23	136 ON APR 01	10 600 000	1907
1908	---	456 ON JUL 24	150 ON DEC 31	8 800 000	1908
1909	---	385 ON AUG 21	8.50 ON MAY 06	5 920 000	1909
1910	---	408 ON MAY 11	59.5 ON DEC 05	7 210 000	1910
1911	---	197 ON AUG 05	30.6 ON DEC 24	3 920 000	1911
1912	---	286 ON JUL 31	101 ON MAR 24	5 600 000	1912
1913	---	433 ON JUL 19	125 ON APR 06	6 450 000	1913
1914	---	362 ON JUL 23	34.5 ON DEC 26	7 540 000	1914
1915	---	297 ON JAN 05	98.8 ON SEP 06	7 030 000	1915
1916	---	1 060 ON JUN 06	41.1 ON DEC 25	13 000 000	1916
1917	---	360 ON APR 13	44.3 ON DEC 25	7 610 000	1917
1918	---	261 ON AUG 10	49.4 ON DEC 25	4 650 000	1918
1919	---	422 ON JUL 12	17.3 ON MAY 14	6 590 000	1919
1920	---	569 ON JUL 06	53.0 ON DEC 25	7 300 000	1920
1921	---	255 ON APR 30	51.8 ON DEC 25	5 520 000	1921
1922	---	303 ON JUN 07	41.9 ON DEC 25	6 650 000	1922
1923	---	240 ON FEB 27	31.1 ON MAY 02	5 190 000	1923
1924	---	147 ON JUN 24	42.5 ON FEB 24	3 340 000	1924
1925	---	243 ON JUL 07	49.0 ON DEC 25	4 930 000	1925
1926	---	307 ON NOV 02	90.6 ON JUL 04	6 980 000	1926
1927	---	1 070 ON MAY 21	28.6 ON DEC 25	15 100 000	1927
1928	---	697 ON OCT 27	34.3 ON FEB 12	8 680 000	1928
1929	---	467 ON MAR 15	41.1 ON DEC 25	6 890 000	1929
1930	---	214 ON NOV 05	29.4 ON NOV 30	3 540 000	1930
1931	---	182 ON OCT 01	22.2 ON APR 05	3 160 000	1931
1932	---	259 ON JUL 28	38.8 ON OCT 23	4 710 000	1932
1933	---	215 ON MAY 05	38.5 ON NOV 13	5 510 000	1933
1934	---	748 ON JUN 12	33.7 ON AUG 12	8 340 000	1934
1935	---	838 ON JUL 09	37.9 ON AUG 11	8 290 000	1935
1936	---	303 ON JUN 02	44.0 ON SEP 07	6 120 000	1936
1937	---	847 ON JUN 27	44.7 ON NOV 14	8 230 000	1937
1938	---	1 040 ON MAY 31	32.0 ON JAN 09	10 400 000	1938
1939	---	326 ON SEP 05	28.9 ON AUG 13	6 240 000	1939
1940	---	286 ON JUL 26	14.4 ON APR 21	5 520 000	1940
1941	---	1 160 ON OCT 16	1.13 ON APR 20 *	11 600 000	1941
1942	---	609 ON SEP 08	41.3 ON DEC 27	8 700 000	1942
1943	---	1 060 ON JUL 01	62.9 ON JAN 03	12 100 000	1943
1944	---	1 090 ON AUG 23	20.4 ON MAY 07	13 800 000	1944
1945	---	833 ON MAY 02	34.8 ON DEC 23	10 100 000	1945
1946	---	646 ON NOV 11	50.4 ON AUG 25	9 910 000	1946
1947	---	1 030 ON JUN 14	61.7 ON DEC 25	12 100 000	1947
1948	---	881 ON MAY 18	54.4 ON DEC 25	9 770 000	1948
1949	---	841 ON JUL 09	50.1 ON JAN 23	8 550 000	1949
1950	---	1 360 ON JUL 07 *	186 ON JAN 22	19 400 000	1950
1951	---	875 ON MAY 29	91.5 ON AUG 19	11 700 000	1951
1952	---	799 ON JUL 19	53.8 ON DEC 25	9 410 000	1952
1953	---	929 ON JUL 03	78.2 ON MAY 03	8 460 000	1953
1954	---	1 140 ON JUN 10	95.7 ON NOV 21	11 600 000	1954
1955	---	770 ON JUL 04	52.7 ON SEP 05	6 930 000	1955
1956	---	801 ON JUN 10	37.4 ON OCT 28	9 500 000	1956
1957	---	968 ON JUL 01	68.5 ON JAN 01	9 040 000	1957
1958	---	297 ON JAN 15	14.3 ON MAY 25	4 770 000	1958
1959	---	311 ON OCT 23	64.6 ON AUG 23	6 960 000	1959
1960	---	527 ON JUN 24	41.6 ON DEC 04	6 610 000	1960
1961	---	515 ON JUN 04	49.3 ON JAN 15	7 270 000	1961
1962	---	841 ON JUN 05	44.5 ON DEC 16	12 000 000	1962
1963	---	613 ON JUN 29	44.9 ON APR 07	8 810 000	1963
1964	---	977 ON JUN 15	74.5 ON APR 12	12 400 000	1964
1965	---	852 ON JUN 14	61.2 ON AUG 29	12 500 000	1965
1966	---	988 ON JUN 09	46.4 ON NOV 24	12 600 000	1966
1967	---	657 ON MAY 13	77.9 ON MAR 05	7 480 000	1967
1968	---	1 040 ON JUL 17	80.1 ON MAR 03	13 900 000	1968
1969	---	900 ON JUN 11	110 ON SEP 10	12 400 000	1969
1970	---	946 ON JUN 22	124 ON MAY 03	13 400 000	1970
1971	---	915 ON NOV 07	90.0 ON SEP 07	13 100 000	1971
1972	---	697 ON JUL 26	118 ON OCT 07	9 470 000	1972
1973	---	623 ON OCT 28	98.5 ON JUN 14	8 100 000	1973
1974	---	991 ON JUN 21	139 ON AUG 16	12 700 000	1974
1975	---	564 ON MAY 20	106 ON OCT 09	9 090 000	1975
1976	---	408 ON APR 26	86.9 ON NOV 28	6 420 000	1976
1977	---	923 ON OCT 07	66.2 ON MAY 10	9 090 000	1977
1978	---	864 ON JUN 13	144 ON MAY 19	11 200 000	1978
1979	---	830 ON JUN 07	94.0 ON OCT 06	9 190 000	1979
1980	---	303 ON JAN 20	68.0 ON SEP 24	4 710 000	1980
1981	---	668 ON JUN 03	95.1 ON OCT 22	7 070 000	1981
1982	---	686 ON JUN 03	153 ON APR 11	11 300 000	1982
1983	---	558 ON JUL 05	100 ON MAY 24	8 820 000	1983
1984	---	737 ON JUL 03	97.4 ON OCT 17	8 090 000	1984
1985	---	992 ON JUL 06	153 ON JAN 01	14 800 000	1985
1986	---	911 ON JUN 02	86.0 ON OCT 14	9 660 000	1986
1987	---	302 ON SEP 13	53.8 ON JUL 01	4 890 000	1987
1988	---	892 ON SEP 27	51.1 ON JAN 01	7 840 000	1988
1989	---	794 ON JUN 28	50.3 ON DEC 25	8 780 000	1989
1990	---	806 ON JUN 10	61.9 ON APR 15	7 700 000	1990
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		8 720 000	MEAN

RAINY RIVER AT MANITOU RAPIDS - STATION NO. 05PC018

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1928	---	---	---	---	---	---	290	319	457	699	421	295	---	1928
1929	261	345	367	364	316	273	257	220	205	187	144	90.4	252	1929
1930	112	118	108	170	292	202	188	127	144	140	153	95.4	154	1930
1931	82.1	88.6	82.9	140	128	195	141	126	147	149	125	143	134	1931
1932	145	167	162	297	292	276	197	161	195	195	335	218	207	1932
1933	235	269	246	529	442	193	179	184	183	142	226	174	237	1933
1934	218	225	235	320	526	648	392	216	206	227	225	240	307	1934
1935	207	211	233	350	435	454	644	352	268	269	276	231	328	1935
1936	227	236	252	368	447	268	209	194	169	148	138	135	253	1936
1937	137	156	202	407	667	745	469	350	391	233	187	184	345	1937
1938	169	178	210	481	1 330	983	438	226	228	176	151	140	394	1938
1939	138	200	253	321	275	257	198	210	324	295	241	184	241	1939
1940	173	180	195	274	409	210	240	243	196	145	199	134	217	1940
1941	94.5	93.3	115	501	338	582	323	297	275	1 200	735	440	450	1941
1942	322	292	265	309	451	360	268	375	329	277	285	321	329	1942
1943	210	224	236	477	611	1 130	823	426	421	308	276	260	451	1943
1944	267	205	140	234	438	1 080	890	954	761	383	401	344	507	1944
1945	298	283	471	779	691	439	390	252	292	253	219	230	383	1945
1946	248	275	301	548	619	377	295	185	167	508	554	441	381	1946
1947	352	334	356	486	603	986	526	364	366	351	313	285	445	1947
1948	259	296	303	727	847	341	282	295	251	190	147	133	337	1948
1949	158	179	206	415	386	408	587	464	275	312	278	277	330	1949
1950	287	310	340	451	1 500	1 400	1 360	934	421	494	319	412	689	1950
1951	251	278	264	558	846	630	355	219	406	445	405	478	436	1951
1952	237	272	312	443	248	203	603	385	343	229	207	199	333	1952
1953	215	184	245	488	511	551	346	360	316	272	274	323	1953
1954	267	272	285	566	933	1 060	505	254	236	216	152	177	411	1954
1955	201	216	225	442	295	288	362	280	174	182	197	253	260	1955
1956	293	307	312	632	716	599	388	298	262	181	177	174	353	1956
1957	214	214	224	489	447	566	697	288	298	316	316	274	363	1957
1958	265	271	269	217	126	149	244	129	118	136	128	132	193	1958
1959	198	207	242	253	323	302	280	249	350	322	310	284	277	1959
1960	295	251	225	298	242	492	302	215	214	191	158	165	254	1960
1961	189	204	218	354	485	415	209	216	244	300	242	283	278	1961
1962	257	270	325	410	930	938	840	665	479	283	232	211	488	1962
1963	233	233	256	323	284	648	583	479	298	244	225	225	336	1963
1964	240	234	205	328	575	963	843	416	583	527	365	361	470	1964
1965	328	294	290	532	778	841	456	301	330	738	661	447	495	1965
1966	258	270	290	1 080	1 180	995	518	362	269	219	154	176	512	1966
1967	161	167	164	530	778	522	408	318	231	210	138	132	314	1967
1968	165	169	153	318	472	1 040	1 150	685	496	690	700	431	540	1968
1969	345	488	375	856	748	886	533	562	311	460	396	403	530	1969
1970	329	324	316	505	866	1 140	677	271	238	451	732	617	540	1970
1971	433	339	298	714	708	735	407	209	152	444	1 060	787	533	1971
1972	322	354	354	546	541	337	473	479	324	227	281	290	394	1972
1973	215	208	217	279	238	172	196	194	427	620	474	434	324	1973
1974	342	329	310	463	953	1 200	707	237	316	324	436	371	499	1974
1975	338	339	305	626	908	464	544	242	181	152	237	264	384	1975
1976	255	217	278	584	404	301	348	187	128	136	108	101	254	1976
1977	104	104	109	124	116	135	136	106	720	994	840	644	345	1977
1978	423	319	301	572	572	912	696	527	559	318	245	288	458	1978
1979	232	210	278	700	926	886	401	237	167	138	281	283	393	1979
1980	279	298	230	359	177	104	98.6	96.9	160	134	243	266	203	1980
1981	268	278	213	239	467	624	430	217	147	261	243	253	303	1981
1982	248	248	269	484	711	688	480	421	241	579	683	572	469	1982
1983	297	310	330	343	218	344	480	328	348	471	400	429	369	1983
1984	340	300	282	442	421	740	560	249	130	206	201	242	343	1984
1985	240	246	259	520	1 090	948	897	499	491	909	532	475	595	1985
1986	368	325	296	582	976	506	446	260	207	245	294	272	399	1986
1987	234	228	262	452	225	149	135	120	316	264	253	211	215	1987
1988	201	164	155	260	173	136	161	343	867	856	344	416	309	1988
1989	385	324	249	509	639	762	733	213	212	193	192	162	381	1989
1990	158	161	244	249	571	797	613	259	142	149	130	199	307	1990
MEAN	258	249	257	440	555	578	460	318	312	337	314	284	363	MEAN

LOCATION - LAT 48 38 04 N LONG 093 54 47 W

DRAINAGE AREA, 50 200 km² REGULATED

INTERNATIONAL GAUGING STATION

REMARKS - FORMERLY PUBLISHED UNDER STA. NO. 05PC001

RAINY RIVER AT MANITOU RAPIDS - STATION NO. 05PC018

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1928	---	---	---	---	1928
1929	---	464 ON FEB 15	26.3 ON DEC 26 *	7 940 000	1929
1930	558 ON MAY 14	555 ON MAY 14	45.6 ON FEB 11	4 860 000	1930
1931	345 AT 23:00 CST ON JUN 17	337 ON JUN 17	48.1B ON MAR 01	4 140 000	1931
1932	---	345 ON NOV 12	90.6B ON JAN 04	6 540 000	1932
1933	---	960 ON APR 22	107 B ON NOV 13	7 470 000	1933
1934	---	750 ON JUN 13	119 ON AUG 13	9 670 000	1934
1935	---	864 ON JUL 09	126 B ON DEC 26	10 400 000	1935
1936	---	657 ON APR 20	108 B ON DEC 27	7 350 000	1936
1937	1 170 AT 03:00 CST ON APR 28	1 160 ON APR 28	112 B ON JAN 18	10 900 000	1937
1938	1 850 AT 07:00 CST ON MAY 08	1 840 ON MAY 08	96.3B ON DEC 26	12 400 000	1938
1939	---	504 ON APR 27	96.3B ON FEB 13	7 610 000	1939
1940	869 AT 05:00 CST ON MAY 03	858 ON MAY 03	96.3B ON DEC 26	6 850 000	1940
1941	1 390 AT 18:00 CST ON OCT 10	1 380 ON OCT 10	62.3B ON JAN 18	14 200 000	1941
1942	---	1 020 ON SEP 02	156 B ON DEC 28	10 400 000	1942
1943	1 350 AT 04:15 CST ON JUN 07	1 340 ON JUN 07	142 B ON JAN 04	14 200 000	1943
1944	---	1 350 ON JUN 08	68.0B ON MAR 08	16 000 000	1944
1945	1 070 AT 07:00 CST ON MAR 28	1 050 ON MAR 29	103 ON SEP 04	12 100 000	1945
1946	773 AT 15:00 CST ON MAR 28	753 ON MAR 28	105 ON SEP 03	12 000 000	1946
1947	1 530 AT 15:30 CST ON JUN 13	1 520 ON JUN 13	170 B ON DEC 26	14 000 000	1947
1948	---	1 540 ON APR 28	102 B ON DEC 07	10 700 000	1948
1949	---	997 ON JUL 10	96.3B ON JAN 03	10 400 000	1949
1950	2 030 AT 09:00 CST ON MAY 12 *	2 020 ON MAY 11 *	227 B ON JAN 02	21 700 000	1950
1951	1 390 AT 18:00 CST ON MAY 05	1 380 ON MAY 05	140 ON AUG 20	13 700 000	1951
1952	861 AT 16:00 CST ON JUL 23	858 ON JUL 23	85.0B ON DEC 26	10 500 000	1952
1953	923 AT 23:00 CST ON JUL 04	915 ON JUL 04	136 B ON JAN 02	10 200 000	1953
1954	1 170 AT 03:30 CST ON APR 18	1 160 ON JUN 01	123 ON NOV 22	12 900 000	1954
1955	694 AT 09:00 CST ON JUL 05	685 ON JUL 05	84.4 ON SEP 06	8 190 000	1955
1956	1 010 AT 04:00 CST ON APR 22	1 010 ON APR 22	79.3B ON DEC 27	11 200 000	1956
1957	1 280 AT 20:30 CST ON JUN 25	1 260 ON JUN 25	87.8B ON JAN 02	11 400 000	1957
1958	---	317 ON JUL 18	88.3 ON MAY 26	5 790 000	1958
1959	507 AT 03:30 CST ON SEP 10	504 ON SEP 10	114 ON JUL 06	8 740 000	1959
1960	646 AT 04:30 CST ON JUN 13	634 ON JUN 12	85.0B ON DEC 19	8 020 000	1960
1961	719 AT 05:00 CST ON MAY 18	716 ON MAY 18	80.1B ON JAN 16	8 780 000	1961
1962	1 560 AT 04:00 CST ON MAY 26	1 550 ON MAY 26	116 B ON DEC 26	15 400 000	1962
1963	835 AT 13:00 CST ON JUN 28	831 ON JUN 28	134 ON NOV 22	10 600 000	1963
1964	1 350 AT 03:00 CST ON JUN 26	1 350 ON JUN 26	140 ON APR 06	14 900 000	1964
1965	1 070 AT 00:30 CST ON JUN 10	1 070 ON JUN 09	117 ON SEP 07	15 600 000	1965
1966	1 510 AT 04:30 CST ON APR 27	1 500 ON APR 27	87.1B ON NOV 25	12 100 000	1966
1967	960 AT 08:30 CST ON MAY 05	951 ON MAY 05	89.5B ON MAR 06	9 920 000	1967
1968	---	1 310 ON JUL 19	96.3B ON MAR 04	17 100 000	1968
1969	1 650 AT 06:30 CST ON APR 18	1 640 ON APR 18	202 ON SEP 11	16 700 000	1969
1970	1 610 ON JUN 15	1 610 ON JUN 15	204 ON AUG 23	17 000 000	1970
1971	1 350 AT 01:00 CST ON NOV 03	1 340 ON NOV 03	139 ON SEP 21	16 500 000	1971
1972	---	1 010 ON APR 22	104 B ON DEC 31	12 500 000	1972
1973	---	818E ON OCT 15	134 E ON JUN 15	10 200 000	1973
1974	1 740A ON JUN 10	1 730A ON JUN 10	160 ON AUG 16	15 700 000	1974
1975	1 490 AT 06:30 CST ON MAY 01	1 490 ON MAY 01	132 ON OCT 07	12 100 000	1975
1976	753 AT 01:00 CST ON APR 09	736 ON APR 09	97.7B ON NOV 29	8 020 000	1976
1977	1 270 AT 07:00 CST ON SEP 28	1 270 ON SEP 28	97.1 ON MAY 11	10 900 000	1977
1978	1 210 AT 03:30 CST ON JUN 03	1 200 ON JUN 03	205 ON NOV 13	14 400 000	1978
1979	1 730A ON APR 26	1 720A ON APR 26	124 ON OCT 07	12 400 000	1979
1980	493 AT 09:30 CST ON APR 20	487 ON APR 20	88.9 ON AUG 14	6 420 000	1980
1981	861 AT 11:00 CST ON JUN 05	844 ON JUN 05	134 ON SEP 23	9 570 000	1981
1982	1 090 AT 05:00 CST ON APR 22	1 070 ON APR 22	193 ON APR 12	14 800 000	1982
1983	---	716 ON JUL 06	170 ON JUN 13	11 600 000	1983
1984	---	1 210 ON JUN 11	108 ON OCT 08	10 800 000	1984
1985	1 740 ON JUN 28	1 720 ON JUN 29	176 B ON JAN 02	18 700 000	1985
1986	1 100 ON MAY 03	1 090 ON MAY 03	140 ON SEP 01	12 600 000	1986
1987	490 AT 02:00 CST ON MAY 25	487 ON MAY 25	80.7 ON JUL 02	6 900 000	1987
1988	1 250 AT 03:00 CST ON SEP 23	1 240 ON SEP 23	94.0 ON JUL 22	9 790 000	1988
1989	1 090 AT 11:00 CST ON JUN 27	1 090 ON JUN 27	85.0B ON DEC 26	12 000 000	1989
1990	1 060 AT 09:00 CST ON JUN 08	1 050 ON JUN 08	108 ON NOV 14	9 680 000	1990
				11 500 000	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX)
B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

RAISIN RIVER AT BLACK RIVER - STATION NO. 02MC027

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1987	---	---	---	2.05	---	---	---	---	---	---	---	---	---	1987
1988	---	---	---	3.14	---	---	---	---	---	---	---	---	---	1988
1989	---	---	---	3.28	2.73	---	---	---	---	---	---	---	---	1989
1990	---	---	---	6.12	2.45	---	---	---	---	---	---	---	---	1990
MEAN	---	---	---	3.65	2.59	---	---	---	---	---	---	---	---	MEAN

LOCATION - LAT 45 04 52 N LONG 074 52 07 W
DRAINAGE AREA, 129 km^2
NATURAL FLOW

REMARKS - STATION ACTIVATED MAY 1985. SEASONAL OPERATION (FEB 15 - MAY 15)

RAISIN RIVER AT BLACK RIVER - STATION NO. 02MC027

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1987	27.9 AT 23:21 EST ON MAR 26	27.0 ON MAR 26	---	---	1987
1988	18.0 AT 05:08 EST ON MAR 27	16.4 ON MAR 27	---	---	1988
1989	34.2 AT 08:15 EST ON MAR 29 *	32.8A ON MAR 29 *	---	---	1989
1990	25.0 AT 06:14 EST ON APR 05	---	---	---	1990
	A - MANUAL GAUGE (SEE REFERENCE INDEX)	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		---	MEAN

RAISIN RIVER NEAR WILLIAMSTOWN - STATION NO. 02MC001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1960	---	---	---	---	---	---	---	---	---	---	0.326	0.241	---	1960
1961	0.201	0.236	7.73	20.3	3.35	1.33	0.865	0.717	1.48	0.235	1.24	4.57	3.52	1961
1962	1.35	0.498	10.4	31.2	4.23	0.341	0.211	1.60	0.769	5.44	10.0	2.80	5.76	1962
1963	0.823	0.611	5.91	28.0	7.32	1.12	0.116	0.157	2.51	0.824	7.79	4.07	5.00	1963
1964	1.85	1.65	12.8	13.3	1.52	0.318	0.076	0.011	0.008	0.014	0.070	1.03	2.72	1964
1965	1.07	1.05	7.10	9.65	2.45	0.242	0.023	0.062	1.11	5.20	7.60	5.38	3.42	1965
1966	2.88	1.68	20.3	8.76	2.48	1.56	0.153	0.064	0.083	0.034	1.27	6.34	3.82	1966
1967	1.84	1.64	4.80	27.1	3.99	1.11	0.506	0.136	0.129	0.835	6.05	5.80	4.49	1967
1968	0.936	1.94	21.8	13.2	2.70	1.78	0.948	0.215	0.171	0.258	2.58	4.59	4.26	1968
1969	1.75	3.50	9.58	30.8	8.63	5.06	1.61	5.23	0.402	0.683	4.67	4.94	6.38	1969
1970	1.13	3.51	5.65	35.1	4.85	0.395	0.166	0.061	0.308	0.929	4.98	3.71	5.02	1970
1971	2.36	2.14	5.14	48.7	8.13	0.706	0.067	0.041	0.145	0.113	0.345	2.76	5.85	1971
1972	1.05	0.972	1.41	42.6	8.79	6.23	5.48	3.32	0.644	7.82	12.7	5.98	8.04	1972
1973	7.87	4.96	29.1	11.8	7.77	4.56	0.811	1.02	1.07	3.62	3.29	4.81	6.76	1973
1974	5.03	2.27	14.8	23.8	11.3	1.93	0.431	0.175	0.061	0.112	2.04	4.19	5.52	1974
1975	3.45	1.09	10.2	26.7	2.37	1.92	0.086	0.035	0.914	6.13	9.48	6.85	5.76	1975
1976	1.25	6.29	26.4	16.9	11.5	1.37	0.577	0.284	0.911	5.28	3.29	1.14	6.28	1976
1977	0.574	0.287	29.2	11.3	1.46	0.285	0.255	0.866	0.782	9.17	8.57	6.94	5.76	1977
1978	8.55	1.82	5.88	43.2	2.91	0.739	0.125	0.079	0.048	0.090	0.315	0.390	5.47	1978
1979	2.03	2.13	24.7	14.2	3.17	0.872	0.137	0.072	5.46	3.62	6.04	9.19	5.99	1979
1980	1.58	0.214	8.29	14.7	3.55	0.484	0.041	0.021	1.28	2.35	5.22	6.41	3.68	1980
1981	0.908	22.0	5.04	4.88	5.50	4.07	0.904	1.09	3.06	7.83	9.61	2.51	5.48	1981
1982	2.22	1.06	11.0	22.8	1.81	0.650	0.143	0.360	0.776	1.09	5.58	9.36	4.74	1982
1983	3.42	3.48	13.4	17.6	10.2	1.53	0.203	0.082	0.009	0.125	5.67	12.4	5.68	1983
1984	1.98	10.0	7.01	21.9	6.68	1.36	0.179	0.129	0.093	0.059	0.330	1.88	4.25	1984
1985	1.44	3.53	21.8	14.0	1.96	1.50	0.385	0.055	0.095	0.963	3.94	1.91	4.29	1985
1986	4.26	1.40	14.3	7.86	3.56	1.49	4.58	4.73	4.00	10.8	8.56	8.90	6.25	1986
1987	2.11	1.05	17.4	7.59	1.74	1.97	1.86	0.409	0.283	1.40	3.29	11.5	4.26	1987
1988	1.39	3.15	7.90	10.5	3.51	0.807	1.27	0.165	0.151	2.74	11.7	1.66	3.73	1988
1989	0.958	1.15	13.1	11.5	8.45	5.49	0.315	0.174	0.037	0.319	6.11	0.950	4.05	1989
1990	3.52	7.97	13.9	18.5	6.26	1.83	1.50	0.433	0.184	4.55	4.75	13.3	6.38	1990
MEAN	2.32	3.18	12.8	20.3	5.09	1.77	0.801	0.733	0.899	2.75	5.08	5.05	5.09	MEAN

LOCATION - LAT 45 09 19 N LONG 074 38 18 W DRAINAGE AREA, 404 km^2 NATURAL FLOW

REMARKS - DRAINAGE AREA AND FLOWS ARE REFERRED TO CONTROL AT LAT. 45 09 10 LONG. 74 37 31

RAISIN RIVER NEAR WILLIAMSTOWN - STATION NO. 02MC001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1960	---	---	---	---	1960
1961	---	43.6B ON MAR 29	0.074 ON FEB 01	111 000	1961
1962	---	114 B ON MAR 31	0.108 ON JUL 20	102 000	1962
1963	---	131 B ON APR 01 *	0.062 ON AUG 01	158 000	1963
1964	---	35.1B ON MAR 08	0.003 ON SEP 04 *	86 000	1964
1965	---	28.3 ON NOV 29	0.008 ON AUG 03	108 000	1965
1966	---	61.7 ON MAR 19	0.017 ON OCT 03	121 000	1966
1967	---	104 ON APR 03	0.023 ON SEP 20	141 000	1967
1968	---	80.7B ON MAR 28	0.034 ON AUG 14	135 000	1968
1969	74.2B AT 20:20 EST ON APR 07	63.4B ON APR 07	0.147 ON OCT 11	201 000	1969
1970	99.1 AT 03:30 EST ON APR 10	93.2 ON APR 10	0.042 ON AUG 15	158 000	1970
1971	99.7 AT 21:50 EST ON APR 20	96.0 ON APR 20	0.022 ON AUG 18	184 000	1971
1972	102 AT 03:55 EST ON APR 18	93.7 ON APR 18	0.331 ON SEP 25	254 000	1972
1973	---	75.0B ON MAR 18	0.065A ON SEP 03	213 000	1973
1974	---	68.0B ON MAR 08	0.034 ON AUG 31	174 000	1974
1975	---	101 ON APR 20	0.012 ON AUG 21	182 000	1975
1976	---	92.0B ON MAR 28	0.076 ON AUG 07	199 000	1976
1977	---	97.1B ON MAR 15	0.082 ON JUL 29	182 000	1977
1978	117 B AT 19:38 EST ON APR 14 *	107 B ON APR 14	0.021 ON JUL 29	173 000	1978
1979	75.8 AT 01:59 EST ON MAR 25	74.4 ON MAR 25	0.017 ON JUL 31	189 000	1979
1980	54.4 AT 01:18 EST ON APR 10	51.0 ON APR 10	0.003 ON AUG 24	116 000	1980
1981	97.2 AT 19:29 EST ON FEB 21	90.3B ON FEB 21	0.190 ON AUG 06	173 000	1981
1982	---	90.6B ON APR 01	0.027 ON AUG 24	149 000	1982
1983	54.7 AT 12:58 EST ON MAR 20	53.8 ON MAR 20	0.005 ON SEP 13	179 000	1983
1984	64.4 AT 20:00 EST ON APR 06	62.6 ON APR 06	0.022 ON AUG 11	135 000	1984
1985	---	51.3B ON MAR 14	0.022 ON SEP 26	135 000	1985
1986	53.3 AT 03:00 EST ON DEC 04	49.9 ON DEC 04	0.509 ON JUN 26	197 000	1986
1987	86.7 AT 00:01 EST ON MAR 27	80.0 ON MAR 27	0.035 ON SEP 07	134 000	1987
1988	---	45.4B ON MAR 27	0.033 ON AUG 11	116 000	1988
1989	94.0 AT 14:33 EST ON MAR 29	87.2B ON MAR 29	---	128 000	1989
1990	70.6 AT 17:57 EST ON APR 04	64.8 ON APR 05	0.096 ON SEP 20	201 000	1990
				161 000	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX) B - ICE CONDITIONS * - EXTREME RECORDED FOR THE PERIOD OF RECORD

RAMDOM CREEK NEAR WEST HUNTINGDON - STATION NO. 02HK008

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1982	---	---	---	---	---	---	---	---	---	0.361	0.926	2.13	---	1982
1983	1.43	1.62	1.75	2.24	2.20	0.728	0.198	0.203	0.073	0.174	0.522	1.19	1.02	1983
1984	0.588	2.74	2.40	4.42	2.06	0.731	0.392	0.541	0.425	0.213	0.579	1.05	1.33	1984
1985	1.13	0.918	3.58	2.98	1.00	0.492	0.157	0.126	0.309	0.288	1.99	1.34	1.19	1985
1986	1.19	0.815	2.70	2.01	0.951	0.646	0.188	0.287	0.595	0.988	0.706	1.10	1.02	1986
1987	0.925	0.828	2.25	3.58	0.644	0.422	0.131	0.071	0.117	0.234	0.491	1.37	0.904	1987
1988	0.800	1.03	2.49	2.80	0.747	0.247	0.116	0.051	0.108	0.286	0.452	0.482	0.797	1988
1989	0.511	0.412	1.24	1.61	1.17	0.809	0.310	0.137	0.127	0.194	0.834	0.479	0.653	1989
1990	0.863	1.12	2.50	2.75	1.60	0.527	0.278	0.158	0.078	0.274	0.382	1.48	1.00	1990
MEAN	0.930	1.16	2.36	2.80	1.30	0.575	0.221	0.197	0.229	0.335	0.765	1.18	0.989	MEAN

LOCATION - LAT 44 20 18 N LONG 077 28 39 W DRAINAGE AREA, 86.7 km^2 NATURAL FLOW

REMARKS - GAUGE OPERATIONAL FROM SEP 15 1982, FORMERLY CALLED "RAMDOM CREEK AT WEST HUNTINGDON STATION"

RAMDOM CREEK NEAR WEST HUNTINGDON - STATION NO. 02HK008

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1982	---	---	---	---	1982
1983	6.85 AT 07:11 EST ON FEB 03	6.57 ON FEB 03	0.018 ON SEP 13	12 300	1983
1984	10.2 AT 06:40 EST ON APR 06	9.75 ON APR 06	0.155 ON JUL 29	42 200	1984
1985	8.31 AT 19:23 EST ON MAR 12	7.45 ON MAR 13	0.077 ON JUL 29	37 600	1985
1986	---	5.90B ON MAR 20	0.039E ON JUL 26	32 100	1986
1987	9.62 AT 00:16 EST ON APR 06	9.27 ON APR 05	0.017 ON AUG 21	39 500	1987
1988	11.9 AT 08:21 EST ON MAR 26 *	11.4 ON MAR 26 *	0.006 ON AUG 22 *	45 200	1988
1989	---	5.80B ON MAR 28	0.061 ON AUG 28	20 600	1989
1990	---	5.80E ON MAR 14	0.062 ON SEP 24	31 500	1990
				31 300	MEAN

B - ICE CONDITIONS E - ESTIMATED * - EXTREME RECORDED FOR THE PERIOD OF RECORD

REDHILL CREEK AT ALBION FALLS - STATION NO. 02HA023

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1989	0.172	0.113	0.453	0.297	0.349	0.174	0.169	0.089	0.222	0.165	0.352	0.096	0.221	1989
1990	0.694	0.874	0.721	0.393	0.496	0.144	0.168	0.329	0.136	0.250	0.223	1.14	0.463	1990
MEAN	0.433	0.494	0.587	0.345	0.423	0.159	0.169	0.209	0.179	0.208	0.288	0.618	0.342	MEAN

LOCATION - LAT 43 12 01 N LONG 079 49 33 W DRAINAGE AREA, 23.5 km^2 NATURAL FLOW

REDHILL CREEK AT ALBION FALLS - STATION NO. 02HA023

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1989	16.2 AT 21:25 EST ON SEP 22	2.98 ON MAY 12	0.058 ON AUG 30 *	6 980	1989
1990	23.4 AT 13:16 EST ON DEC 29 *	11.3 ON DEC 29 *	0.066 ON SEP 27	14 600	1990
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		10 800	MEAN

REDHILL CREEK AT HAMILTON - STATION NO. 02HA014

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1978	0.416	0.196	3.22	1.45	0.675	0.171	0.201	0.184	0.756	0.526	0.454	0.527	0.736	1978
1979	0.769	0.303	1.51	2.42	0.378	0.567	0.179	0.232	0.201	0.229	0.343	1.12	0.689	1979
1980	0.453	0.194	1.45	1.30	0.375	0.251	0.113	0.113	0.291	0.224	0.131	0.193	0.431	1980
1981	0.076	1.40	0.225	0.442	0.251	0.359	0.504	1.16	2.26	1.20	0.619	0.223	0.719	1981
1982	0.326	0.170	3.21	0.959	0.244	1.08	0.257	0.339	0.514	0.185	0.776	1.19	0.775	1982
1983	0.406	0.835	1.21	1.16	0.805	0.307	0.286	0.320	0.180	0.283	0.623	1.44	0.654	1983
1984	0.151	1.89	1.51	1.65	0.733	2.35	0.155	0.213	0.958	0.087	0.455	0.707	0.895	1984
1985	0.317	2.45	2.27	0.784	0.223	0.177	0.191	0.398	0.095	0.227	2.55	0.660	0.849	1985
1986	0.659	0.402	1.96	0.572	0.629	0.369	0.470	0.395	0.557	0.475	0.703	1.20	0.703	1986
1987	0.306	0.181	1.18	2.03	0.178	0.639	0.630	0.694	0.334	0.199	0.551	0.864	0.650	1987
1988	0.163	0.522	0.444	0.388	0.197	0.099	0.372	0.631	0.217	0.224	0.545	0.332	0.344	1988
1989	0.263	0.174	0.770	0.461	0.549	0.248	0.197	0.095	0.401	0.230	0.571	0.120	0.340	1989
1990	1.18	1.82	1.09	0.588	0.838	0.201	0.224	0.432	0.189	0.369	0.299	---	---	1990
MEAN	0.422	0.811	1.54	1.10	0.467	0.524	0.291	0.400	0.535	0.343	0.663	0.715	0.649	MEAN

LOCATION - LAT 43 13 56 N DRAINAGE AREA, 60.9 km^2
LONG 079 47 08 W NATURAL FLOW

REDHILL CREEK AT HAMILTON - STATION NO. 02HA014

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1978	31.4 AT 11:46 EST ON MAR 21	20.2 ON MAR 21	0.020 ON AUG 22	23 200	1978
1979	28.1 AT 18:03 EST ON DEC 25	17.8 ON DEC 25	0.013 ON JUL 30 *	21 700	1979
1980	27.7 AT 14:02 EST ON MAR 21	16.0 ON MAR 21	0.018 ON JUN 21	13 600	1980
1981	36.5 AT 08:08 EST ON SEP 05	19.9 ON SEP 05	0.024B ON JAN 04	22 700	1981
1982	46.2 AT 15:50 EST ON MAR 13	20.4 ON MAR 13	0.055 ON MAR 04	24 400	1982
1983	25.9 AT 13:00 EST ON JUL 31	9.27 ON MAR 19	0.030 ON SEP 03	20 600	1983
1984	72.4 AT 21:04 EST ON JUN 13 *	35.1 ON JUN 18 *	0.045 ON OCT 31	28 300	1984
1985	39.5 AT 17:47 EST ON FEB 24	28.8 ON FEB 24	0.052 ON OCT 08	26 800	1985
1986	46.0 AT 23:00 EST ON JUL 18	11.1 ON MAR 11	0.069 ON SEP 09	22 200	1986
1987	53.5 AT 13:02 EST ON AUG 09	16.0 ON APR 05	0.052 ON JUN 10	20 500	1987
1988	63.3 AT 17:19 EST ON AUG 11	10.7 ON AUG 11	0.030B ON JAN 17	10 900	1988
1989	42.3 AT 21:21 EST ON SEP 22	4.94 ON MAY 12	0.050 ON AUG 31	10 700	1989
1990	---	---	0.062 ON AUG 08	---	1990
	B - ICE CONDITIONS	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		20 500	MEAN

REESOR CREEK ABOVE GREEN RIVER - STATION NO. 02HC039

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1974	---	---	---	0.672	0.717	0.251	0.270	0.134	0.134	0.157	0.268	0.204	---	1974
1975	0.310	0.626	0.722	0.740	0.303	0.172	0.107	0.099	0.121	0.124	0.152	0.224	0.306	1975
1976	0.219	0.487	1.38	0.482	0.394	0.148	0.332	0.175	0.159	0.224	0.178	0.155	0.362	1976
1977	0.100	0.119	1.16	0.403	0.153	0.111	0.236	0.178	0.422	0.497	0.571	0.615	0.383	1977
1978	0.348	0.097	0.502	1.72	0.625	0.162	0.118	0.177	0.245	0.243	0.250	0.194	0.390	1978
1979	0.297	0.206	1.54	0.746	0.356	0.168	0.147	0.162	0.185	0.346	0.429	0.639	0.438	1979
1980	0.234	0.073	1.21	0.997	0.266	0.165	0.250	0.127	0.185	0.285	0.285	0.417	0.376	1980
1981	0.116	1.40	0.257	0.365	0.159	0.109	0.144	0.332	0.386	0.555	0.550	0.249	0.409	1981
1982	0.221	0.133	1.02	1.13	0.195	0.348	0.268	0.192	0.199	0.297	0.772	0.839	0.468	1982
1983	0.224	0.216	0.562	0.736	0.616	0.178	0.119	0.154	0.157	0.234	0.519	0.406	0.375	1983
1984	0.181	0.979	0.819	0.785	0.516	0.174	0.156	0.122	0.233	0.174	0.372	0.363	0.403	1984
1985	0.165	0.541	1.30	0.813	0.235	0.219	0.168	0.205	0.203	0.274	0.896	0.347	0.445	1985
1986	0.398	0.284	1.42	0.547	0.215	0.221	0.148	0.649	1.10	0.604	0.362	0.466	0.536	1986
1987	0.290	0.151	1.31	0.711	0.302	0.232	0.191	0.131	0.167	0.212	0.301	0.463	0.376	1987
1988	0.436	0.750	1.10	0.524	0.387	0.128	0.107	0.128	0.163	0.250	0.331	0.271	0.380	1988
1989	0.321	0.162	0.453	0.379	0.443	0.282	0.076	0.216	0.189	0.248	0.691	0.152	0.301	1989
1990	0.464	0.514	1.09	0.633	0.277	0.175	0.194	0.242	0.150	0.420	0.349	0.678	0.432	1990
MEAN	0.273	0.440	0.997	0.728	0.374	0.195	0.178	0.201	0.258	0.303	0.433	0.393	0.399	MEAN

LOCATION - LAT 43 56 07 N DRAINAGE AREA, 38.3 km^2
LONG 079 12 03 W REGULATED

BEESOR CREEK ABOVE GREEN RIVER - STATION NO. 02HC039

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1974	---	5.27A ON MAR 05	0.096 ON AUG 22	---	1974
1975	---	5.66B ON FEB 24	0.040 ON AUG 20	9 640	1975
1976	10.2 AT 03:55 EST ON MAR 21	7.36 ON MAR 21	0.085 ON AUG 25	11 400	1976
1977	9.46 AT 06:30 EST ON MAR 13	6.57 ON MAR 13	0.062 ON JUN 09	12 100	1977
1978	8.58 AT 15:01 EST ON MAY 14	6.68 ON APR 07	0.0858 ON FEB 05	11 100	1978
1979	8.60 AT 05:50 EST ON MAR 14	4.87 ON MAR 14	0.099 ON JUN 21	13 800	1979
1980	10.6 AT 17:16 EST ON MAR 21	7.32 ON MAR 21	0.042 ON AUG 27	11 900	1980
1981	---	6.80B ON FEB 19	0.083 ON JUL 16	12 900	1981
1982	12.6 AT 16:10 EST ON MAR 31	7.93 ON MAR 31	0.085 ON JUN 13	14 800	1982
1983	5.72 AT 05:48 EST ON APR 10	3.45B ON FEB 03	0.093 ON JUL 12	11 800	1983
1984	---	8.65B ON FEB 14 *	0.080 ON AUG 27	12 700	1984
1985	8.71 AT 06:31 EST ON APR 05	5.39 ON MAR 12	0.074 ON AUG 14	14 000	1985
1986	13.3 AT 19:23 EST ON AUG 15	6.73 ON MAR 19	0.032 ON JUN 10 *	16 900	1986
1987	---	5.20B ON MAR 02	0.064 ON AUG 01	11 800	1987
1988	13.4 AT 17:39 EST ON MAY 16 *	5.19B ON MAR 08	0.073 ON AUG 22	12 000	1988
1989	6.71B AT 18:30 EST ON MAR 25	2.85 ON NOV 15	0.051 ON JUL 25	9 500	1989
1990	12.4 AT 02:11 EST ON MAR 12	8.57 ON MAR 12	0.093 ON JUN 20	13 600	1990
				12 600	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX) B - ICE CONDITIONS * - EXTREME RECORDED FOR THE PERIOD OF RECORD

BEESOR CREEK NEAR ALTONA - STATION NO. 02HC040

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1974	---	---	---	0.306	0.271	0.106	0.106	0.051	0.056	0.063	0.098	0.089	---	1974
1975	0.125	0.226	0.331	0.292	0.107	0.057	0.034	0.035	0.041	0.052	0.060	0.066	0.118	1975
1976	0.060	0.182	0.783	0.220	0.157	0.058	---	---	---	---	---	---	---	1976
MEAN	0.093	0.204	0.557	0.273	0.178	0.074	0.070	0.043	0.049	0.058	0.079	0.078	0.118	MEAN

LOCATION - LAT 43 57 16 N LONG 079 12 28 W DRAINAGE AREA, 15 km^2 NATURAL FLOW

BEESOR CREEK NEAR ALTONA - STATION NO. 02HC040

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1974	---	---	---	---	1974
1975	---	2.06 ON APR 19	0.023 ON AUG 01 *	3 720	1975
1976	---	5.10B ON MAR 21 *	---	---	1976
				3 720	MEAN

B - ICE CONDITIONS * - EXTREME RECORDED FOR THE PERIOD OF RECORD

RIDEAU RIVER ABOVE SMITHS FALLS - STATION NO. 02LA005

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1970	---	---	---	---	---	---	---	---	---	---	8.62	10.9	---	1970
1971	---	---	---	---	---	9.23	9.61	8.95	6.85	5.87	4.80	4.21	---	1971
1972	4.08	3.42	20.3	41.6	30.9	12.4	15.4	11.1	8.89	8.19	24.3	27.1	17.3	1972
1973	27.6	25.6	31.2	38.3	21.6	9.22	8.47	8.19	8.20	7.18	6.59	6.43	16.5	1973
1974	18.5	13.9	14.4	49.1	36.5	9.91	7.72	7.26	7.06	6.59	5.94	6.70	15.3	1974
1975	11.0	10.6	12.5	38.9	18.3	8.21	9.16	7.99	6.72	6.41	8.50	12.1	12.5	1975
1976	11.2	17.9	39.8	42.6	20.1	12.3	7.61	7.38	7.24	7.11	6.18	5.28	15.4	1976
1977	5.48	11.2	8.54	29.1	8.31	6.69	6.24	6.50	6.23	5.57	5.71	10.0	9.09	1977
1978	26.0	35.3	13.3	33.8	---	---	---	---	---	---	4.45	3.72	---	1978
1979	11.9	21.8	17.5	25.8	---	---	---	---	---	---	10.9	10.2	---	1979
1980	22.6	10.2	9.70	32.9	---	---	---	---	---	---	8.76	24.1	---	1980
1981	12.7	18.9	28.9	5.10	---	---	---	---	---	---	30.8	17.8	---	1981
1982	13.4	16.0	15.8	25.7	---	---	---	---	---	---	9.12	22.2	---	1982
1983	21.6	11.2	8.10	27.9	---	---	---	---	---	---	16.8	28.5	---	1983
1984	14.1	15.9	29.2	45.7	---	---	---	---	---	---	4.99	4.20	---	1984
1985	5.60	11.6	24.1	21.1	---	---	---	---	---	---	13.4	16.2	---	1985
1986	9.06	12.1	13.8	4.53	---	---	---	---	---	---	26.6	21.3	---	1986
1987	19.8	11.1	10.1	24.2	---	---	---	---	---	---	9.23	31.9	---	1987
1988	14.0	12.6	12.2	19.9	---	---	---	---	---	---	10.7	6.91	---	1988
1989	5.63	4.78	3.52	17.5	---	---	---	---	---	---	7.28	6.19	---	1989
1990	7.03	14.6	17.8	27.8	---	---	---	---	---	---	10.5	13.6	---	1990
MEAN	13.8	14.7	17.4	29.0	22.6	9.71	9.14	8.28	7.31	6.70	11.2	13.8	14.3	MEAN

LOCATION - LAT 44 53 26 N LONG 076 03 45 W DRAINAGE AREA, 1 290 km^2 REGULATED

REMARKS - SEASONAL OPERATION (OCT-MAY APPROX.) SINCE 1978

RIDEAU RIVER ABOVE SMITHS FALLS - STATION NO. 02LA005

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1970	---	---	---	---	1970
1971	---	---	---	---	1971
1972	125 AT 10:15 EST ON APR 27 *	122 ON APR 27 *	2.48 ON JAN 30	549 000	1972
1973	---	90.3 ON APR 07	3.95 ON DEC 07	521 000	1973
1974	94.9 AT 20:25 EST ON APR 09	90.6 ON APR 09	3.20 ON NOV 27	482 000	1974
1975	---	76.2 ON APR 25	5.33 ON MAR 19	395 000	1975
1976	77.6 AT 21:15 EST ON APR 04	77.0 ON APR 03	5.18 ON DEC 05	487 000	1976
1977	---	42.2 ON APR 08	0 E ON MAR 14 *	287 000	1977
1978	57.8 AT 09:50 EST ON APR 26	56.1 ON APR 26	---	---	1978
1979	42.4 AT 06:28 EST ON APR 06	41.4 ON APR 06	0.491 ON MAR 27	---	1979
1980	45.6 AT 16:26 EST ON APR 17	45.4 ON APR 17	0 ON MAR 23	---	1980
1981	85.4 AT 19:21 EST ON FEB 26	76.7 ON MAR 03	---	---	1981
1982	43.3 AT 13:46 EST ON APR 15	39.3 ON APR 21	---	---	1982
1983	---	40.0 ON APR 15	---	---	1983
1984	70.6 AT 02:05 EST ON APR 09	69.8 ON APR 09	---	---	1984
1985	37.1 AT 11:06 EST ON APR 09	31.1 ON APR 12	---	---	1985
1986	---	---	0 ON APR 01	---	1986
1987	54.5 AT 22:20 EST ON APR 08	54.2 ON APR 09	---	---	1987
1988	40.1 AT 09:18 EST ON APR 07	39.4 ON APR 08	---	---	1988
1989	41.3 AT 21:05 EST ON MAY 15	---	---	---	1989
1990	46.1 AT 10:09 EST ON DEC 31	---	---	---	1990
	E - ESTIMATED	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		453 000	MEAN

RIDEAU RIVER AT OTTAWA - STATION NO. 02LA004

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1933	----	----	----	----	35.5	9.77	6.46	7.12	6.94	8.51	16.0	----	----	1933
1934	----	----	----	----	14.2	6.58	6.03	5.16	6.13	6.08	11.5	----	----	1934
1935	----	----	----	----	20.3	18.3	13.1	8.16	8.96	12.8	13.6	----	----	1935
1936	----	----	----	----	28.3	6.76	6.04	6.61	8.17	17.1	42.3	----	----	1936
1937	----	----	----	----	67.9	14.3	8.06	11.2	8.43	14.0	57.6	----	----	1937
1938	----	----	----	----	18.2	8.06	6.29	6.57	9.50	6.02	9.91	----	----	1938
1939	----	----	----	----	35.5	9.27	8.51	11.9	9.21	10.5	20.4	----	----	1939
1940	----	----	----	----	47.1	41.0	12.5	8.73	8.02	6.83	11.5	----	----	1940
1941	----	----	----	----	7.36	6.10	6.79	7.13	8.57	7.14	10.9	----	----	1941
1942	----	----	----	----	18.8	8.99	7.43	8.12	13.1	10.7	10.4	----	----	1942
1943	----	----	----	----	170	46.9	9.87	8.50	10.4	10.6	26.6	----	----	1943
1944	----	----	----	----	27.9	10.9	8.23	8.16	7.64	6.77	8.11	----	----	1944
1945	----	----	----	----	111	47.4	33.7	17.4	23.1	61.9	61.2	----	----	1945
1946	----	----	----	14.9	24.3	10.8	9.06	9.07	9.38	11.8	32.9	46.4	----	1946
1947	42.2	79.9	97.2	265	97.3	62.5	52.1	16.2	11.9	11.3	17.0	----	----	1947
1948	----	----	----	86.0	35.9	18.4	11.2	12.1	9.78	9.87	15.6	10.2	----	1948
1949	14.0	25.3	92.0	154	28.5	8.49	6.51	5.92	6.40	10.3	11.5	30.0	32.6	1949
1950	110	29.0	39.5	261	24.9	13.6	7.79	8.42	8.60	10.6	18.9	30.4	46.6	1950
1951	40.1	48.0	142	172	13.3	14.7	16.9	13.1	12.4	11.1	32.6	39.7	51.2	1951
1952	17.7	22.5	69.5	168	42.8	17.2	12.4	23.0	18.9	16.3	16.0	49.3	43.6	1952
1953	19.7	28.8	112	80.4	46.5	11.6	8.45	8.47	7.62	10.4	13.4	20.0	30.5	1953
1954	12.1	18.7	68.0	222	62.8	19.1	12.2	10.5	19.4	35.7	68.7	48.3	49.5	1954
1955	44.4	40.2	94.4	205	21.5	11.0	7.95	7.62	9.35	27.7	58.2	24.7	45.8	1955
1956	18.7	10.4	19.8	163	117	58.4	14.0	9.48	9.82	10.1	13.4	8.85	37.5	1956
1957	11.5	10.2	47.6	33.7	11.4	7.31	6.09	4.92	4.73	7.76	9.25	13.2	13.9	1957
1958	9.85	4.96	56.2	98.6	21.7	9.61	8.63	8.44	8.59	27.1	26.2	10.4	24.1	1958
1959	10.4	12.2	37.6	168	14.0	7.83	9.02	9.26	10.5	11.0	23.1	39.1	29.2	1959
1960	13.6	28.0	46.5	306	50.2	10.2	7.82	7.51	9.37	9.62	17.3	5.92	42.3	1960
1961	5.37	3.55	14.0	84.5	33.2	26.1	15.1	8.22	8.15	9.82	11.8	9.45	20.7	1961
1962	8.03	4.69	21.4	117	25.1	8.00	7.40	7.71	7.07	12.7	30.6	15.2	22.0	1962
1963	6.36	3.78	49.8	103	42.1	10.8	9.13	6.69	9.58	8.90	24.4	20.9	24.5	1963
1964	13.0	18.5	63.4	71.8	24.9	10.8	7.76	6.72	6.14	6.43	7.42	6.73	20.1	1964
1965	5.11	8.20	38.2	85.9	21.2	8.00	6.26	7.53	11.0	21.7	58.5	87.8	30.0	1965
1966	45.8	23.8	120	57.3	33.5	14.6	9.35	8.32	8.56	11.2	33.7	35.4	30.8	1966
1967	25.9	41.1	45.5	111	11.1	14.9	11.8	10.3	10.8	11.7	72.8	47.0	38.2	1967
1968	15.4	13.4	98.7	90.1	17.6	17.6	14.2	9.06	11.7	14.1	28.9	50.7	31.7	1968
1969	30.9	32.8	61.8	203	87.7	49.6	33.2	12.9	8.94	9.34	19.1	20.0	47.3	1969
1970	10.2	9.38	34.8	210	43.7	9.44	9.54	7.77	10.8	22.7	47.9	38.3	37.8	1970
1971	27.1	25.6	51.6	265	34.2	11.5	9.47	8.81	8.32	10.6	9.24	18.2	41.5	1971
1972	12.6	12.7	22.8	254	73.7	32.2	42.0	28.9	9.39	33.1	74.4	72.8	55.5	1972
1973	79.4	61.6	198	113	65.4	27.7	8.34	11.5	9.45	18.1	25.8	43.9	54.8	1973
1974	57.3	36.2	94.6	203	94.6	17.7	11.1	7.75	7.72	12.5	16.2	27.7	48.9	1974
1975	36.1	19.9	82.1	169	33.0	9.91	7.18	5.89	10.7	21.1	30.2	42.5	38.8	1975
1976	17.1	48.5	187	164	68.8	25.0	15.0	10.9	11.9	25.7	27.7	11.4	51.1	1976
1977	6.38	11.1	162	95.4	16.1	7.74	5.98	6.41	9.68	23.9	30.6	47.8	35.4	1977
1978	74.4	71.8	43.3	242	44.7	9.98	4.98	5.92	5.92	12.0	8.02	7.69	41.9	1978
1979	18.6	29.2	141	105	33.8	18.9	7.54	6.62	8.80	22.9	38.4	54.3	40.2	1979
1980	39.9	14.0	104	129	52.9	10.1	8.10	9.05	12.9	27.7	37.7	70.7	43.1	1980
1981	21.0	149	74.6	30.4	29.3	49.8	18.4	25.1	102	85.2	84.4	34.2	57.8	1981
1982	27.3	23.0	58.5	191	20.4	29.0	10.5	10.4	14.5	22.9	28.1	75.7	43.9	1982
1983	52.0	30.7	79.9	127	101	17.0	5.81	6.05	6.12	14.9	62.9	88.4	49.7	1983
1984	30.3	79.4	70.7	214	38.3	17.4	6.39	10.3	7.25	10.4	11.3	12.6	43.6	1984
1985	15.1	25.4	143	97.6	12.8	9.19	5.24	4.78	7.07	18.7	36.1	36.2	34.3	1985
1986	28.8	24.7	77.5	56.2	55.9	32.5	24.8	43.5	59.0	105	67.1	65.9	53.7	1986
1987	43.7	21.4	101	105	18.7	32.7	21.3	9.02	13.4	21.0	37.5	110	44.8	1987
1988	27.0	30.6	69.9	92.0	34.5	8.78	7.07	6.60	6.53	17.3	59.4	19.7	31.5	1988
1989	12.2	10.5	50.8	83.1	72.3	26.5	15.0	7.68	7.53	10.4	39.9	18.7	30.3	1989
1990	22.4	45.2	110	127	63.0	16.7	10.4	7.35	6.79	32.2	35.2	64.0	45.0	1990
MEAN	27.7	30.3	79.6	143	44.1	18.8	12.0	10.1	12.1	19.0	30.6	37.0	38.9	MEAN

LOCATION - LAT 45 22 54 N DRAINAGE AREA, 3 830 km²
LONG 075 41 52 W REGULATED

REMARKS - PRIOR TO OCT 01 1966 RECORDS COLLECTED AT MANUAL STATION NO. 02LA002, 4.8 KM DOWNSTREAM OF PRESENT SITE

RIDEAU RIVER AT OTTAWA - STATION NO. 02LA004

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1933	---	---	---	---	1933
1934	---	---	---	---	1934
1935	---	---	---	---	1935
1936	---	---	---	---	1936
1937	---	144 ON MAY 12	2.52 ON SEP 03	---	1937
1938	---	---	---	---	1938
1939	---	---	---	---	1939
1940	---	---	---	---	1940
1941	---	---	---	---	1941
1942	---	---	---	---	1942
1943	---	---	---	---	1943
1944	---	221 ON MAY 14	3.60 ON JUN 10	---	1944
1945	---	320 ON MAY 19	---	---	1945
1946	---	---	---	---	1946
1947	---	538 ON APR 12	8.55 ON OCT 26	---	1947
1948	---	---	6.46 ON NOV 03	---	1948
1949	---	379 ON MAR 30	4.59 ON OCT 26	1 030 000	1949
1950	---	447 ON APR 06	5.89 ON JUL 22	1 470 000	1950
1951	---	419 ON APR 02	4.98 ON MAY 16	1 620 000	1951
1952	---	379 ON APR 06	7.08 ON JUL 07	1 380 000	1952
1953	---	331 ON MAR 28	7.09 ON NOV 03	961 000	1953
1954	---	405 ON APR 08	9.40 ON JUL 31	1 560 000	1954
1955	---	493 ON APR 06	4.53 ON MAY 25	1 440 000	1955
1956	---	351 ON APR 05	3.91 ON SEP 17	1 180 000	1956
1957	---	133 ON MAR 15	2.97 ON DEC 19	437 000	1957
1958	---	306 ON MAR 31	3.31B ON JAN 13	761 000	1958
1959	---	413 ON APR 06	4.84 ON OCT 16	923 000	1959
1960	---	532 ON APR 14	3.14 ON DEC 01	1 340 000	1960
1961	---	193 ON MAR 30	3.06B ON FEB 10	653 000	1961
1962	---	123B ON APR 01	4.39B ON MAR 05	695 000	1962
1963	---	442 ON MAR 31	4.50 ON JUL 04	774 000	1963
1964	---	109 ON APR 23	3.65 ON DEC 22	636 000	1964
1965	---	146 ON DEC 31	3.48B ON FEB 01	946 000	1965
1966	---	215B ON MAR 06	5.21 ON JUL 07	972 000	1966
1967	---	311 ON APR 03	7.70 ON SEP 19	1 200 000	1967
1968	---	377 ON MAR 30	7.33 ON AUG 15	1 000 000	1968
1969	---	328 ON APR 08	4.39 ON SEP 29	1 490 000	1969
1970	---	442 ON APR 14	5.95 ON JUL 13	1 190 000	1970
1971	513 AT 00:30 EST ON APR 19	496 ON APR 19	4.87 ON NOV 08	1 310 000	1971
1972	578 AT 18:30 EST ON APR 20	535 ON APR 21	6.57 ON SEP 25	1 760 000	1972
1973	464 AT 02:00 EST ON MAR 18	447 ON MAR 18	5.97 ON JUL 31	1 730 000	1973
1974	---	396 ON APR 06	6.26 ON AUG 28	1 540 000	1974
1975	413 AT 18:20 EST ON APR 19	394 ON APR 20	4.59 ON AUG 20	1 230 000	1975
1976	597 AT 04:29 EST ON MAR 28 *	583 ON MAR 26 *	7.33 ON AUG 31	1 610 000	1976
1977	473 AT 04:24 EST ON MAR 16	467 ON MAR 15	2.72 ON JUL 25	1 120 000	1977
1978	527 AT 22:09 EST ON APR 14	487 ON APR 14	2.97 ON JUL 14	1 320 000	1978
1979	423 AT 20:28 EST ON MAR 25	403 ON MAR 25	2.78 ON JUL 25	1 270 000	1979
1980	421B AT 18:00 EST ON MAR 22	385B ON MAR 22	3.05 ON JUN 13	1 360 000	1980
1981	446 AT 15:45 EST ON FEB 24	435 ON FEB 24	1.78 ON APR 28	1 820 000	1981
1982	435 AT 20:25 EST ON APR 01	397 ON APR 01	4.56 ON AUG 20	1 360 000	1982
1983	246 AT 13:18 EST ON MAY 04	224 ON MAR 20	3.41 ON JUL 26	1 570 000	1983
1984	398 AT 21:56 EST ON APR 06	385 ON APR 06	4.46 ON JUL 25	1 380 000	1984
1985	276 AT 22:46 EST ON MAR 14	265 ON MAR 15	1.48 ON JUL 25 *	1 080 000	1985
1986	256 AT 06:28 EST ON MAY 23	223 ON MAY 24	1.92 ON APR 29	1 690 000	1986
1987	353 AT 14:45 EST ON MAR 26	334A ON MAR 26	3.39 ON AUG 28	1 410 000	1987
1988	273 AT 18:57 EST ON MAR 27	247 ON MAR 27	3.19 ON AUG 16	996 000	1988
1989	276 AT 01:00 EST ON MAR 29	251 ON MAR 29	3.74B ON FEB 28	955 000	1989
1990	264 AT 03:58 EST ON MAR 18	259 ON MAR 18	4.85 ON AUG 25	1 420 000	1990
				1 230 000	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX) B - ICE CONDITIONS * - EXTREME RECORDED FOR THE PERIOD OF RECORD

RIDEAU RIVER BELOW MANOTICK - STATION NO. 02LA012

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1980	---	---	---	---	---	---	---	---	12.0	24.4	34.2	61.9	---	1980
1981	18.0	110	67.2	24.5	23.9	41.8	14.8	23.5	92.4	75.7	77.2	32.3	49.5	1981
1982	23.4	20.0	55.0	145	17.3	27.5	9.74	9.64	13.0	20.3	32.5	66.3	36.6	1982
1983	45.7	28.8	61.7	104	81.5	13.2	6.09	6.13	5.52	11.5	56.7	79.3	41.7	1983
1984	27.8	67.3	64.0	155	48.6	14.5	5.81	8.63	6.80	7.75	9.39	9.10	35.1	1984
1985	9.70	21.4	104	69.6	8.53	6.79	4.46	4.29	6.06	15.1	33.7	34.1	26.4	1985
1986	24.8	22.0	64.9	43.3	41.4	26.8	18.0	35.5	44.8	93.0	60.1	57.2	44.5	1986
1987	37.1	17.2	76.4	82.4	14.8	27.8	14.5	7.03	10.9	17.0	29.1	99.1	36.2	1987
1988	23.1	25.7	56.5	73.1	28.6	7.60	5.99	5.79	5.01	13.4	48.6	16.1	25.8	1988
1989	10.4	9.19	40.7	70.5	60.5	21.6	12.6	7.18	7.25	14.9	33.8	15.8	25.4	1989
1990	20.4	42.5	91.2	105	56.6	14.3	8.61	6.05	5.46	20.8	26.0	54.1	37.6	1990
MEAN	24.0	36.4	68.2	87.2	38.2	20.2	10.1	11.4	19.1	28.5	40.1	47.7	35.9	MEAN

LOCATION - LAT 45 14 54 N LONG 075 42 17 W DRAINAGE AREA, 3 120 km^2 REGULATED

RIDEAU RIVER BELOW MANOTICK - STATION NO. 02LA012

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1980	---	---	---	---	1980
1981	312 AT 23:35 EST ON FEB 22 *	298 ON FEB 24 *	6.09 ON JAN 23	1 560 000	1981
1982	303 AT 21:56 EST ON APR 01	296 ON APR 02	5.80 ON AUG 19	1 150 000	1982
1983	200 AT 15:25 EST ON MAY 06	163 ON MAY 05	4.89 ON SEP 15	1 320 000	1983
1984	247 AT 02:43 EST ON APR 07	243 ON APR 07	4.37 ON DEC 08	1 110 000	1984
1985	183 AT 03:08 EST ON MAR 15	178 ON MAR 15	1.79 ON MAY 04 *	834 000	1985
1986	186 AT 11:02 EST ON MAR 30	159 ON MAY 24	6.51 ON MAY 15	1 400 000	1986
1987	253 AT 11:58 EST ON MAR 26	236 ON MAR 26	3.33 ON AUG 27	1 140 000	1987
1988	210 AT 15:35 EST ON MAR 27	187 ON MAR 28	3.00 ON AUG 15	815 000	1988
1989	183 AT 16:16 EST ON MAR 28	173 ON MAR 29	3.33 ON FEB 28	802 000	1989
1990	197 AT 07:27 EST ON APR 05	192 ON MAR 18	4.39 ON AUG 23	1 190 000	1990
	B - ICE CONDITIONS	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		1 130 000	MEAN

RIDEAU RIVER BELOW MERRICKVILLE - STATION NO. 02LA011

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1979	---	---	---	---	---	---	---	---	---	---	---	10.7	---	1979
1980	30.4	10.9	35.7	63.5	37.7	8.73	7.61	8.54	11.1	18.1	18.6	36.8	24.0	1980
1981	12.3	52.1	42.4	11.8	9.66	26.8	10.2	13.6	58.8	50.0	49.2	21.6	29.6	1981
1982	17.7	18.8	31.6	62.5	12.9	22.1	9.20	8.47	11.6	17.7	17.4	39.0	22.6	1982
1983	31.0	17.4	24.9	56.9	42.7	10.4	5.82	6.59	6.52	10.9	31.6	49.4	25.4	1983
1984	19.4	38.1	43.0	84.4	34.9	11.2	6.01	7.75	6.94	7.39	7.62	6.80	22.6	1984
1985	7.70	15.5	54.4	40.1	7.42	6.04	4.72	4.06	5.12	14.2	23.2	22.9	17.1	1985
1986	15.5	15.9	33.3	18.6	22.6	20.8	12.5	22.4	32.7	54.2	39.9	36.6	27.0	1986
1987	29.5	16.1	39.9	46.8	11.4	23.0	12.8	8.43	10.2	14.6	18.1	36.4	23.5	1987
1988	19.1	19.8	30.9	38.3	21.5	7.76	6.93	7.03	7.04	10.2	23.1	10.8	16.8	1988
1989	8.81	7.73	17.2	35.2	36.3	16.9	12.2	7.96	8.84	13.5	18.3	10.6	16.1	1989
1990	13.5	27.0	43.2	55.6	39.0	12.5	9.10	6.89	6.13	15.4	16.8	28.1	22.7	1990
MEAN	18.6	21.7	35.3	47.0	26.0	15.1	8.79	9.25	15.0	20.6	24.0	27.5	22.5	MEAN

LOCATION - LAT 44 57 05 N DRAINAGE AREA, 1 920 km^2
LONG 075 49 05 W REGULATED

RIDEAU RIVER BELOW MERRICKVILLE - STATION NO. 02LA011

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1979	---	---	---	---	1979
1980	125 AT 00:37 EST ON MAR 23	119 ON MAR 23	5.27 ON JUN 12	760 000	1980
1981	134 AT 22:42 EST ON FEB 21 *	129 ON FEB 22 *	5.26 ON MAR 26	934 000	1981
1982	118 AT 23:01 EST ON APR 01	114 ON APR 02	6.96 ON JUL 13	714 000	1982
1983	119 AT 14:25 EST ON MAY 04	110 ON MAY 05	4.50 ON JUL 25	800 000	1983
1984	128 AT 21:23 EST ON APR 07	123 ON APR 08	3.70 ON DEC 07	716 000	1984
1985	94.1 AT 16:16 EST ON MAR 14	85.2 ON MAR 16	3.59 ON JUL 27 *	540 000	1985
1986	99.1 AT 20:59 EST ON OCT 07	89.8 ON MAY 25	5.37 ON MAY 13	851 000	1986
1987	101 AT 15:08 EST ON APR 10	97.2 ON APR 11	4.51 ON OCT 22	742 000	1987
1988	99.2 AT 16:14 EST ON MAR 26	85.2 ON MAR 27	5.77 ON AUG 08	532 000	1988
1989	77.4 AT 16:31 EST ON MAY 12	74.8 ON MAY 13	4.40 ON MAR 14	509 000	1989
1990	83.8 AT 23:59 EST ON DEC 31	74.6 ON DEC 31	5.80 ON OCT 01	717 000	1990
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		710 000	MEAN

RIVIERE BEAUDETTE NEAR GLEN NEVIS - STATION NO. 02MC026

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1983	---	---	---	---	---	---	---	---	---	0.045	2.20	4.48	---	1983
1984	0.901	3.30	2.77	8.01	2.58	0.680	0.195	0.236	0.161	0.187	0.622	1.58	1.75	1984
1985	1.24	1.61	8.28	5.74	0.760	0.545	0.172	0.012	0.032	0.341	1.08	0.560	1.70	1985
1986	1.08	0.537	4.23	3.17	1.13	0.564	0.665	1.96	1.56	3.37	2.58	2.88	1.97	1986
1987	0.765	0.314	5.67	3.05	0.586	0.570	0.571	0.169	0.232	0.501	1.30	4.37	1.52	1987
1988	0.734	1.47	2.63	3.75	1.70	0.172	0.245	0.044	0.063	0.681	3.90	0.524	1.33	1988
1989	0.308	0.427	5.01	4.03	2.55	1.13	0.081	0.013	0.009	0.043	1.66	0.294	1.30	1989
1990	1.33	2.77	5.77	6.93	1.99	0.536	0.334	0.098	0.049	1.58	1.67	4.30	2.28	1990
MEAN	0.908	1.49	4.91	4.95	1.61	0.571	0.324	0.362	0.301	0.844	1.88	2.38	1.69	MEAN

LOCATION - LAT 45 16 27 N DRAINAGE AREA, 124 km^2
LONG 074 29 37 W NATURAL FLOW

RIVIERE BEAUDETTE NEAR GLEN NEVIS - STATION NO. 02MC026

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1983	---	---	---	---	1983
1984	17.5 AT 00:13 EST ON APR 08	17.0 ON APR 07	0.015A ON AUG 09	55 500	1984
1985	---	14.9B ON MAR 16	0.004 ON SEP 19	53 500	1985
1986	13.9 AT 15:40 EST ON MAR 30	12.5 ON MAR 30	0.145 ON JUN 25	62 200	1986
1987	25.4 AT 06:17 EST ON MAR 27	22.0 ON MAR 27 *	0.029 ON SEP 05	47 900	1987
1988	---	16.8B ON MAR 28	0.016 ON AUG 13	41 900	1988
1989	26.2 AT 00:00 EST ON MAR 29 *	24.7 ON MAR 29	0.001 ON SEP 06 *	40 900	1989
1990	---	20.4B ON MAR 18	0.027 ON SEP 17	71 800	1990
				53 400	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX) B - ICE CONDITIONS * - EXTREME RECORDED FOR THE PERIOD OF RECORD

RIVIERE DELISLE NEAR ALEXANDRIA - STATION NO. 02MC028

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1985	---	---	---	---	---	0.279	0.092	0.014	0.035	0.193	0.510	0.297	---	1985
1986	0.626	0.224	2.65	1.66	0.758	0.261	0.402	0.481	0.529	1.69	1.41	1.61	1.02	1986
1987	0.404	0.242	3.42	1.64	0.479	0.650	0.667	0.115	0.340	0.170	0.399	2.20	0.940	1987
1988	0.399	1.00	1.76	2.40	0.835	0.103	0.116	0.043	0.031	0.522	0.799	2.20	0.827	1988
1989	0.201	0.207	2.42	2.37	1.33	0.611	0.041	0.005	0.002	0.039	0.861	0.177	0.690	1989
1990	0.933	1.57	3.32	3.69	1.27	0.286	0.270	0.111	0.057	1.37	1.16	2.55	1.38	1990
MEAN	0.513	0.649	2.71	2.35	0.934	0.366	0.265	0.128	0.137	0.694	1.19	1.20	0.971	MEAN

LOCATION - LAT 45 19 37 N LONG 074 38 39 W DRAINAGE AREA, 85.4 km^2 NATURAL FLOW

REMARKS - STATION ACTIVATED MAY 22 1985

RIVIERE DELISLE NEAR ALEXANDRIA - STATION NO. 02MC028

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1985	---	---	0.001 ON AUG 21 *	---	1985
1986	11.8 AT 15:30 EST ON MAR 28	10.4 ON MAR 28	0.099 ON JUN 24	32 300	1986
1987	---	13.4 ON MAR 28	0.023 ON AUG 28	29 600	1987
1988	11.1 AT 16:49 EST ON MAR 27	10.0 ON MAR 27	0.002 ON SEP 16	26 100	1988
1989	---	16.9B ON MAR 29 *	0.001 ON AUG 27	21 800	1989
1990	16.0 AT 15:28 EST ON MAR 18 *	15.3 ON MAR 18	0.023 ON SEP 18	43 600	1990
				30 700	MEAN

B - ICE CONDITIONS * - EXTREME RECORDED FOR THE PERIOD OF RECORD

ROCHESTER CREEK ABOVE QUIRKE LAKE - STATION NO. 02CD005

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1977	---	---	---	---	---	---	---	---	0.567	3.08	4.61	2.20	---	1977
1978	0.821	0.454	0.453	2.41	5.26	0.862	0.400	0.299	1.63	3.89	1.24	0.899	1.56	1978
1979	0.563	0.483	3.40	9.12	4.68	1.17	1.72	0.555	0.687	2.47	4.59	2.62	2.68	1979
1980	1.76	0.809	0.474	5.19	2.94	0.728	0.315	0.159	0.276	0.811	0.859	0.558	1.24	1980
1981	0.363	0.554	1.34	6.77	4.24	2.05	0.992	0.111	0.098	0.492	0.833	0.714	1.29	1981
1982	0.513	0.393	0.707	5.42	3.22	0.532	0.190	0.080	1.60	3.82	2.95	2.79	2.00	1982
1983	2.11	0.773	1.83	5.26	3.24	2.72	0.164	0.017	0.013	2.08	1.52	1.30	1.75	1983
1984	0.606	0.785	0.971	4.46	1.63	0.933	0.625	0.134	0.812	1.23	3.72	3.00	1.57	1984
1985	1.40	---	---	---	---	---	---	---	---	---	---	---	---	1985
MEAN	1.02	0.607	1.31	5.48	3.46	1.29	0.629	0.194	0.710	2.23	2.54	1.76	1.73	MEAN

LOCATION - LAT 46 30 00 N LONG 082 31 16 W DRAINAGE AREA, 99.5 km^2 NATURAL FLOW

REMARKS - DISCONTINUED FEB 14 1985

ROCHESTER CREEK ABOVE QUIRKE LAKE - STATION NO. 02CD005

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1977	---	---	---	---	1977
1978	10.0 AT 20:12 EST ON MAY 15	9.34 ON MAY 15	0.184 ON AUG 22	49 200	1978
1979	---	18.3 E ON APR 28 *	0.381 ON OCT 10	84 400	1979
1980	9.29 AT 23:04 EST ON APR 10	9.09 ON APR 11	0.111 ON AUG 20	39 100	1980
1981	14.0 AT 10:01 EST ON APR 06	13.5 ON APR 06	0.057 ON AUG 24	40 700	1981
1982	12.1 AT 13:40 EST ON APR 27	11.8 ON APR 27	0.045 ON AUG 22	63 100	1982
1983	14.2 AT 22:23 EST ON APR 17 *	13.2 ON APR 17	0 ON SEP 07 *	55 300	1983
1984	8.48 AT 22:47 EST ON NOV 02	8.45 ON NOV 03	0.076 ON AUG 26	49 700	1984
1985	---	---	---	---	1985
				54 500	MEAN

E - ESTIMATED * - EXTREME RECORDED FOR THE PERIOD OF RECORD

ROCKY SAUGEEN RIVER NEAR MARKDALE - STATION NO. 02FC005

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1920	---	---	---	---	---	---	---	0.678	0.581	0.741	1.03	1.37	---	1920
1921	1.68	1.32	3.90	2.33	1.50	1.11	0.855	0.647	0.534	0.568	0.578	0.680	1.31	1921
1922	0.622	0.519	2.09	1.54	1.58	1.04	0.809	0.521	0.447	0.419	0.415	0.367	1.01	1922
1923	0.311	0.425	0.527	2.56	2.14	1.25	0.750	0.591	0.589	0.453	0.530	0.894	0.918	1923
1924	1.01	0.906	2.07	4.45	3.10	---	---	---	---	---	---	---	---	1924
MEAN	0.906	0.793	2.15	3.17	2.08	1.13	0.805	0.610	0.538	0.546	0.626	0.825	1.08	MEAN

LOCATION - LAT 44 19 34 N LONG 080 39 42 W DRAINAGE AREA, 109 km² NATURAL FLOW

ROCKY SAUGEEN RIVER NEAR MARKDALE - STATION NO. 02FC005

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1920	---	---	---	---	1920
1921	---	8.72 ON MAR 21 *	0.425 ON NOV 01	41 200	1921
1922	---	5.30 ON APR 12	0.311 ON DEC 12	32 000	1922
1923	---	4.56 ON MAY 18	0.255 ON MAR 02 *	29 000	1923
1924	---	8.44 ON APR 09	---	---	1924
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		34 100	MEAN

ROCKY SAUGEEN RIVER NEAR TRAVERSTON - STATION NO. 02FC004

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1915	---	---	---	---	---	---	1.72	1.63	1.97	2.08	2.18	2.72	---	1915
1916	5.90	6.39	3.37	9.73	5.61	4.59	2.48	1.75	1.64	1.68	1.87	3.51	4.03	1916
1917	2.40	1.96	3.79	9.44	4.96	4.46	6.18	2.47	1.90	2.25	1.91	2.01	3.65	1917
1918	1.53	2.71	6.94	7.95	3.96	2.81	1.85	1.64	1.95	1.81	2.44	3.43	3.52	1918
1919	3.35	2.98	7.20	6.60	5.41	3.03	2.13	1.83	1.65	1.87	2.52	3.02	3.47	1919
1920	2.02	2.01	7.15	7.67	4.56	3.12	3.00	2.11	1.79	2.11	3.30	3.93	3.57	1920
1921	1.87	1.73	10.1	6.70	4.28	3.10	2.30	1.88	1.50	1.68	1.50	2.12	3.59	1921
1922	1.92	1.94	5.70	8.88	3.94	2.50	2.38	1.51	1.50	1.40	1.43	1.33	2.88	1922
1923	1.20	1.20	1.81	7.73	6.15	3.25	2.37	1.85	1.90	1.62	1.94	2.71	2.82	1923
1924	2.40	1.89	3.07	9.31	6.86	3.66	2.92	2.13	1.77	1.63	1.49	1.93	3.25	1924
1925	1.58	3.22	6.67	6.20	3.14	2.76	1.97	1.55	1.58	1.79	4.08	3.62	3.17	1925
1926	2.87	2.18	2.49	8.08	4.53	3.76	2.24	1.78	1.78	1.88	4.14	3.99	3.67	1926
1927	2.75	2.69	6.83	4.50	4.01	2.88	2.59	1.81	1.76	1.76	2.01	2.94	3.01	1927
1928	2.94	2.57	4.40	12.2	5.19	3.40	3.65	4.16	1.23	4.10	7.02	6.92	4.98	1928
1929	6.15	4.47	10.8	15.8	9.40	4.84	4.06	2.42	1.81	1.97	2.36	1.78	5.47	1929
1930	4.64	6.83	7.37	8.93	5.61	3.85	3.01	1.88	1.81	1.80	1.93	2.04	4.12	1930
1931	1.70	1.64	1.86	4.87	3.53	2.61	2.33	1.91	2.38	3.21	4.15	4.15	2.73	1931
1932	6.47	8.78	6.02	10.9	5.77	3.34	3.42	2.89	3.06	2.90	4.86	5.45	5.27	1932
1933	5.67	4.47	4.08	9.75	5.82	3.31	2.50	1.95	1.82	1.55	2.07	3.54	3.87	1933
1934	3.43	1.98	3.99	8.89	4.05	2.69	1.83	1.56	1.64	1.67	1.79	1.50	2.92	1934
1935	1.98	1.64	5.58	3.65	2.73	2.75	2.17	1.64	1.61	1.91	2.41	1.95	2.51	1935
1936	1.83	1.41	4.14	6.31	3.21	2.52	1.96	1.71	1.69	1.78	1.94	2.34	2.81	1936
1937	4.47	6.10	4.14	5.33	3.86	2.40	2.14	1.77	1.47	1.77	1.80	1.47	3.03	1937
1938	1.63	4.56	8.10	6.00	3.75	2.01	2.04	1.89	1.98	1.67	1.32	1.53	3.11	1938
1939	1.99	2.01	2.74	9.06	4.92	2.98	2.47	2.34	1.83	1.91	2.46	2.05	3.06	1939
1940	1.80	1.97	1.91	8.41	6.12	3.82	2.70	2.58	2.80	---	---	---	---	1940
MEAN	3.06	3.26	5.21	8.12	5.05	3.30	2.62	2.07	1.90	1.97	2.55	2.89	3.51	MEAN

LOCATION - LAT 44 15 44 N LONG 080 45 56 W DRAINAGE AREA, 249 km² NATURAL FLOW DATA CONTRIBUTED BY - ONTARIO HYDRO

ROCKY SAUGEEN RIVER NEAR TRAVERSTON - STATION NO. 02FC004

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1915	---	---	---	---	1915
1916	---	14.7 ON APR 01	1.33 ON SEP 17	120 000	1916
1917	---	12.8 ON APR 03	1.53 ON AUG 26	115 000	1917
1918	---	16.4 ON APR 02	1.27 ON AUG 02	102 000	1918
1919	---	15.7 ON MAR 21	1.53 ON SEP 06	109 000	1919
1920	---	19.5 ON MAR 27	1.47 ON SEP 25	113 000	1920
1921	---	19.7 ON MAR 20	1.22 ON NOV 12	113 000	1921
1922	---	13.0 ON APR 12	0.878 ON DEC 29 *	90 700	1922
1923	---	14.3 ON APR 08	0.991 ON JAN 10	89 000	1923
1924	---	14.7 ON APR 08	1.27 ON NOV 12	103 000	1924
1925	---	12.9 ON MAR 27	1.25 ON SEP 04	100 000	1925
1926	---	21.2 ON APR 25	1.50 ON SEP 02	116 000	1926
1927	---	11.4 ON MAR 10	1.50 ON OCT 27	94 900	1927
1928	---	25.3 ON APR 06	2.10 ON MAR 06	156 000	1928
1929	---	37.7 E ON APR 06 *	1.76 ON AUG 22	173 000	1929
1930	---	10.5 B ON FEB 24	1.42 ON SEP 10	130 000	1930
1931	---	6.88 ON APR 11	1.42 ON SEP 07	86 100	1931
1932	---	22.4 ON FEB 12	2.52 ON JUN 16	167 000	1932
1933	---	15.4 ON APR 07	1.08 ON NOV 15	122 000	1933
1934	---	13.0 ON APR 06	1.08 ON AUG 29	92 000	1934
1935	---	14.4 ON MAR 17	1.08 ON AUG 30	79 100	1935
1936	---	10.5 ON MAR 27	0.934 ON OCT 28	88 900	1936
1937	---	15.1 B ON FEB 10	0.934 ON SEP 07	95 600	1937
1938	---	19.7 ON MAR 23	0.906 ON NOV 15	98 100	1938
1939	---	14.4 ON APR 22	1.22 ON OCT 05	96 600	1939
1940	---	14.2 ON APR 18	---	---	1940
				111 000	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

ROOT RIVER AT SAULT STE. MARIE - STATION NO. 02CA002

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1971	---	0.485	1.18	8.07	3.96	0.971	0.238	0.171	0.348	1.17	2.33	2.28	---	1971
1972	0.936	0.480	0.586	5.75	6.69	0.240	0.136	0.975	0.405	0.973	1.57	0.941	1.64	1972
1973	1.11	0.475	5.36	4.33	2.69	1.57	1.15	1.10	0.604	1.64	3.68	1.28	2.09	1973
1974	0.448	0.308	0.526	8.53	2.13	2.25	0.376	0.585	1.03	1.72	3.15	1.00	1.83	1974
1975	1.08	0.495	0.464	6.04	5.55	2.26	0.384	0.114	0.804	0.696	2.15	2.38	1.87	1975
1976	0.234	0.233	2.09	9.73	1.30	0.193	0.089	0.020	0.044	0.158	6.292	0.153	1.20	1976
1977	0.056	0.049	4.55	10.5	1.04	0.218	1.42	0.524	1.83	2.49	4.51	0.211	2.14	1977
1978	0.840	0.368	0.146	4.02	4.27	1.15	0.370	1.36	1.86	4.38	1.60	0.857	1.84	1978
1979	0.567	0.364	4.74	11.7	2.40	1.06	1.02	1.36	0.801	5.01	3.69	1.35	2.84	1979
1980	1.35	0.510	0.496	8.43	0.980	1.57	0.417	0.426	0.585	1.50	1.54	0.875	1.55	1980
1981	0.519	0.929	1.28	9.47	1.40	2.12	0.500	0.235	0.101	1.27	1.21	0.748	1.64	1981
1982	0.422	0.326	0.513	7.36	5.89	0.344	0.136	0.169	2.64	3.33	3.67	3.35	2.35	1982
1983	1.35	1.01	3.57	5.76	3.14	2.09	0.142	0.134	0.364	1.64	2.46	0.963	1.88	1983
1984	0.557	0.926	1.36	6.18	2.00	1.16	1.13	0.866	2.55	2.84	4.26	3.10	2.24	1984
1985	1.23	0.441	1.41	12.6	4.33	1.76	0.269	0.270	1.20	1.97	2.51	0.854	2.40	1985
1986	0.490	0.357	2.11	8.38	1.10	1.60	0.234	0.477	2.46	2.88	1.73	1.43	1.85	1986
1987	0.724	0.530	0.96	3.06	1.31	0.507	0.470	0.926	0.413	3.40	2.96	3.36	1.73	1987
1988	0.684	0.542	0.781	10.2	1.77	0.160	0.065	2.55	1.75	3.75	8.24	1.97	2.69	1988
1989	0.861	0.430	1.66	9.57	2.68	1.10	0.072	0.032	0.071	0.143	1.28	0.423	1.52	1989
1990	0.298	0.400	3.70	6.96	2.99	1.17	0.387	0.102	0.771	3.22	3.49	1.61	2.10	1990
MEAN	0.724	0.483	1.92	7.87	2.88	1.17	0.449	0.620	1.03	2.21	2.80	1.51	1.98	MEAN

LOCATION - LAT 46 33 49 N
LONG 084 16 55 W
DRAINAGE AREA, 108 km^2
NATURAL FLOW

ROOT RIVER AT SAULT STE. MARIE - STATION NO. 02CA002

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1971	24.2 AT 06:43 EST ON DEC 11	23.6 ON APR 20	0.031 ON SEP 05	---	1971
1972	28.0 AT 01:20 EST ON MAY 03	24.8 ON MAY 03	0.037 ON JUL 05	51 900	1972
1973	19.9 AT 02:06 EST ON NOV 22	16.2B ON MAR 12	0.079 ON JUL 26	65 900	1973
1974	20.3 AT 05:50 EST ON APR 22	19.3 ON APR 22	0.091 ON JUL 29	57 700	1974
1975	42.2 AT 12:07 EST ON MAY 01	35.7 ON MAY 01	0.042 ON SEP 03	58 900	1975
1976	---	20.8 ON APR 17	0.008 ON AUG 24 *	38 000	1976
1977	29.4 AT 22:15 EST ON APR 18	23.4 ON APR 19	0.045B ON FEB 11	73 800	1977
1978	33.7 AT 19:34 EST ON OCT 03	16.9 ON OCT 04	0.102 ON AUG 15	58 100	1978
1979	55.7 AT 20:30 EST ON APR 25	42.2 ON APR 26	0.082 ON JUL 24	89 600	1979
1980	33.8 AT 06:53 EST ON APR 09	31.0 ON APR 09	0.065 ON SEP 12	48 900	1980
1981	40.6 AT 22:14 EST ON APR 04	31.8 ON APR 04	0.041 ON SEP 02	51 600	1981
1982	31.7 AT 07:00 EST ON APR 26	29.8 ON APR 26	0.019 ON JUL 10	74 100	1982
1983	36.7 AT 10:02 EST ON APR 14 *	27.7 ON APR 14	0.020 ON JUL 22	59 400	1983
1984	31.3 AT 07:20 EST ON SEP 13	20.3 ON SEP 13	0.104 ON JUN 23	70 700	1984
1985	53.9 AT 22:19 EST ON APR 22	43.2 ON APR 23 *	0.051 ON AUG 04	75 600	1985
1986	19.5 AT 06:20 EST ON APR 08	18.2 ON APR 08	0.107 ON AUG 04	58 300	1986
1987	14.7 AT 04:11 EST ON OCT 18	12.0 ON OCT 18	0.047 ON JUL 08	54 500	1987
1988	39.9 AT 17:04 EST ON APR 06	32.9 ON APR 06	0.009 ON JUL 12	85 000	1988
1989	20.2 AT 00:59 EST ON APR 27	17.8 ON APR 27	0.018 ON AUG 19	47 900	1989
1990	25.0 AT 23:37 EST ON APR 25	24.5B ON MAR 16	0.021 ON AUG 24	* 66 100	1990
				62 400	MEAN

B - ICE CONDITIONS
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

ROSEBERRY RIVER ABOVE ROSEBERRY LAKES - STATION NO. 04CA003

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1967	---	---	---	---	---	---	---	---	---	0.790	0.881	0.829	---	1967
1968	0.776	0.692	0.586	2.60	11.3	19.3	10.4	10.9	8.08	10.6	5.71	2.75	6.99	1968
1969	1.67	1.22	0.793	3.97	8.50	10.8	15.6	19.6	28.4	19.9	6.40	3.49	10.1	1969
1970	1.79	1.07	0.734	0.980	16.0	5.53	5.97	1.71	4.43	7.13	8.68	2.02	4.77	1970
1971	1.52	0.948	0.751	11.1	18.4	3.15	3.66	1.83	0.366	2.77	3.54	1.08	4.18	1971
1972	1.31	0.949	0.786	2.48	25.1	5.23	0.980	0.752	1.14	5.94	3.30	1.74	4.17	1972
1973	1.23	0.878	0.881	5.60	19.7	6.95	11.5	2.14	4.07	6.08	5.56	3.12	5.68	1973
1974	1.46	1.14	0.927	1.67	19.5	19.5	3.78	20.1	15.6	6.83	4.15	2.74	8.15	1974
1975	1.80	1.26	0.996	2.59	21.1	14.7	5.06	21.0	8.39	4.27	3.47	2.12	7.27	1975
1976	1.36	1.12	0.937	5.11	12.8	5.38	1.67	0.505	0.623	0.223	0.448	0.567	2.57	1976
1977	0.633	0.653	0.662	7.58	9.36	1.28	3.64	8.58	7.71	4.73	2.73	1.77	4.13	1977
1978	1.12	0.849	0.725	2.15	17.0	9.43	12.3	9.87	10.8	6.43	6.57	2.60	6.69	1978
1979	1.33	1.08	1.06	9.67	20.6	9.41	4.23	2.42	4.65	8.18	6.74	3.08	6.06	1979
1980	1.76	1.34	0.937	8.87	11.7	2.02	0.930	0.582	2.42	5.34	3.00	1.59	3.38	1980
1981	1.03	0.760	0.639	1.49	9.24	11.7	3.69	1.28	4.54	10.6	7.00	3.32	4.62	1981
1982	1.47	0.902	0.806	3.34	31.5	21.9	6.61	9.09	6.20	5.83	3.58	2.91	7.90	1982
1983	1.71	1.16	0.939	1.28	8.19	8.07	7.10	1.72	1.14	1.60	4.31	3.91	3.44	1983
1984	2.87	2.44	2.20	10.6	15.9	7.41	5.65	2.55	1.36	1.85	3.05	2.84	4.89	1984
1985	1.67	1.08	0.820	3.76	12.6	22.1	19.8	10.8	12.3	10.7	4.27	1.84	8.51	1985
1986	1.22	0.909	0.737	12.4	22.4	3.32	2.25	6.14	5.26	9.92	4.44	2.54	6.00	1986
1987	1.50	1.03	0.852	12.0	6.83	6.86	1.34	0.905	1.24	2.31	3.23	2.47	3.37	1987
1988	1.78	1.55	1.49	2.99	8.72	2.96	2.27	1.67	2.85	4.76	3.06	2.22	3.03	1988
1989	1.30	0.873	0.679	1.13	18.3	8.01	4.39	5.16	7.07	5.57	2.82	1.80	4.79	1989
1990	1.16	0.990	0.853	11.9	23.4	4.95	1.72	0.731	0.687	0.522	1.62	1.57	4.19	1990
MEAN	1.46	1.08	0.904	5.45	16.0	9.13	5.85	6.09	6.06	5.95	4.11	2.35	5.43	MEAN

LOCATION - LAT 52 39 20 N DRAINAGE AREA, 619 km²
LONG 092 32 15 W NATURAL FLOW

ROSEBERRY RIVER ABOVE ROSEBERRY LAKES - STATION NO. 04CA003

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1967	---	---	---	---	1967
1968	---	30.0A ON JUN 14	0.532A ON MAR 29	221 000	1968
1969	---	55.2 ON SEP 24	0.555E ON MAR 31	317 000	1969
1970	25.4 AT 14:00 CST ON MAY 09	25.2 ON MAY 09	0.521 ON MAR 28	150 000	1970
1971	36.2 AT 17:49 CST ON APR 25	35.4 ON APR 25	0.173 ON SEP 03	132 000	1971
1972	49.8 AT 16:32 CST ON MAY 04	48.1 ON MAY 04	0.351 ON AUG 03	132 000	1972
1973	30.3 AT 15:49 CST ON MAY 10	30.3 ON MAY 10	0.762 ON MAR 26	179 000	1973
1974	39.9 AT 00:55 CST ON JUN 10	39.6 ON JUN 10	0.674 ON JUL 25	257 000	1974
1975	32.3 AT 17:55 CST ON AUG 06	31.7 ON AUG 06	0.813 ON APR 10	229 000	1975
1976	18.9 AT 11:01 CST ON MAY 03	18.5 ON MAY 03	0.116 ON OCT 06 *	81 300	1976
1977	24.1 AT 02:00 EST ON APR 28	23.4 ON APR 27	0.405 ON JUL 08	130 000	1977
1978	29.2 AT 19:20 EST ON MAY 07	27.7 ON MAY 07	0.648 ON MAR 15	211 000	1978
1979	31.9 AT 20:36 EST ON MAY 21	31.5 ON MAY 21	0.874 ON APR 09	191 000	1979
1980	29.3 AT 16:09 EST ON APR 28	29.1 ON APR 28	0.476 ON AUG 26	107 000	1980
1981	19.5 AT 11:21 EST ON JUN 23	19.4 ON JUN 23	0.540 ON SEP 05	146 000	1981
1982	---	44.0E ON MAY 08	0.756 ON MAR 27	249 000	1982
1983	---	13.0E ON JUL 07	0.735E ON APR 16	109 000	1983
1984	---	22.6E ON MAY 03	1.04 ON SEP 03	155 000	1984
1985	72.9 AT 16:37 EST ON JUN 30 *	72.1 ON JUN 30 *	0.766B ON APR 10	268 000	1985
1986	39.2 AT 18:35 EST ON MAY 07	38.8 ON MAY 07	0.690 ON MAR 22	189 000	1986
1987	20.6 AT 09:26 EST ON APR 22	20.5 ON APR 22	0.536 ON AUG 05	106 000	1987
1988	13.2 AT 18:54 EST ON MAY 11	13.0 ON MAY 11	1.20 ON AUG 22	96 000	1988
1989	22.8 AT 15:16 EST ON MAY 15	22.5 ON MAY 15	0.563 ON APR 20	151 000	1989
1990	57.5 AT 01:05 EST ON APR 28	56.5 ON APR 28	0.323 ON SEP 30	132 000	1990
				171 000	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX) B - ICE CONDITIONS E - ESTIMATED * - EXTREME RECORDED FOR THE PERIOD OF RECORD

ROSSEAU RIVER AT HIGHWAY NO. 141 - STATION NO. 02EB103

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1969	---	---	---	---	4.72	0.970	0.328	0.069	0.228	1.37	8.38	1.44	---	1969
1970	---	---	---	11.7	2.32	0.528	4.30	1.55	0.744	3.17	3.33	3.11	---	1970
1971	---	---	---	19.1	3.83	0.436	0.118	0.109	0.129	0.159	0.869	4.18	---	1971
1972	---	---	---	15.6	4.30	1.32	0.409	0.977	0.404	2.98	2.56	1.56	---	1972
1973	---	---	---	9.51	3.29	1.90	0.483	2.21	0.334	2.04	4.43	2.47	---	1973
1974	---	---	---	16.3	3.91	0.724	0.225	0.420	0.869	3.99	5.31	1.18	---	1974
1975	---	---	---	15.2	4.27	0.438	0.146	0.107	0.455	0.885	1.52	5.09	---	1975
1976	---	---	---	---	---	---	0.442	0.114	0.060	0.220	1.54	---	---	1976
1977	---	---	---	6.96	0.745	0.249	0.616	---	2.95	4.74	6.43	---	---	1977
MEAN	---	---	---	13.5	3.42	0.821	0.785	0.695	0.686	2.17	3.82	2.72	---	MEAN

LOCATION - LAT 45 14 20 N DRAINAGE AREA, 130 km²
LONG 079 35 01 W NATURAL FLOW

DATA CONTRIBUTED BY -
ONTARIO MINISTRY OF THE ENVIRONMENT

ROSSEAU RIVER AT HIGHWAY NO. 141 - STATION NO. 02EB103

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1969	---	---	---	---	1969
1970	---	35.4E ON APR 23	---	---	1970
1971	---	49.0E ON APR 20	---	---	1971
1972	---	41.9E ON APR 19	---	---	1972
1973	---	40.2 ON APR 03	0.057 ON JUL 24	---	1973
1974	---	55.2 ON APR 15 *	0.085 ON JUL 22	---	1974
1975	---	50.1 ON APR 25	0.020 ON AUG 20	---	1975
1976	---	---	0.020 ON SEP 08 *	---	1976
1977	---	21.6 ON APR 05	---	---	1977
	E - ESTIMATED	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		---	MEAN

ROUGE RIVER AT ROUGE HILL - STATION NO. 02HC015

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1957	---	---	4.29	3.53	1.71	2.40	0.670	0.311	0.944	0.812	0.852	2.07	---	1957
1958	0.424	0.905	3.15	0.828	0.378	0.241	0.244	0.197	0.428	0.474	0.698	0.396	0.696	1958
1959	0.555	0.715	3.12	8.20	1.47	0.303	0.273	0.256	0.377	0.585	0.876	0.889	1.46	1959
1960	0.502	1.02	1.11	12.7	6.47	0.960	0.405	0.423	0.309	0.426	0.752	0.447	2.11	1960
1961	0.307	1.24	3.00	3.23	1.38	0.956	0.514	0.307	0.357	0.318	0.513	0.757	1.07	1961
1962	0.841	0.753	3.44	0.638	0.275	0.206	0.186	0.159	0.366	---	---	---	---	1962
1964	---	---	---	1.26	---	---	---	---	---	---	---	---	---	1964
MEAN	0.526	0.927	3.02	4.34	1.95	0.844	0.382	0.276	0.464	0.523	0.738	0.912	1.33	MEAN

LOCATION - LAT 43 48 50 N LONG 079 09 28 W DRAINAGE AREA, 223 km^2 NATURAL FLOW

ROUGE RIVER AT ROUGE HILL - STATION NO. 02HC015

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1957	---	---	---	---	1957
1958	---	8.35B ON MAR 01	0.085 ON AUG 19 *	22 000	1958
1959	---	49.6 ON APR 01	0.105 ON AUG 08	46 200	1959
1960	84.9 ON MAY 09 *	60.9 ON APR 04 *	0.227B ON FEB 24	66 800	1960
1961	---	17.4 ON MAR 28	0.170B ON JAN 21	33 700	1961
1962	---	6.68 ON MAR 28	---	---	1962
1964	---	---	---	---	1964
	B - ICE CONDITIONS	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		42 200	MEAN

ROUGE RIVER AT SCARBOROUGH - STATION NO. 02HC103

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1974	---	---	---	---	3.25	0.944	0.736	0.346	---	0.639	1.39	---	---	1974
1976	---	---	---	---	---	---	---	2.46	1.09	0.849	1.09	---	---	1976
MEAN	---	---	---	---	3.25	0.944	0.736	1.40	1.09	0.744	1.24	---	---	MEAN

LOCATION - LAT 43 48 40 N LONG 079 09 35 W DRAINAGE AREA, 215 km^2 NATURAL FLOW

DATA CONTRIBUTED BY - ONTARIO MINISTRY OF THE ENVIRONMENT

ROUGE RIVER AT SCARBOROUGH - STATION NO. 02HC103

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1974	---	---	---	---	1974
1976	---	---	---	---	1976
				---	MEAN

ROUGE RIVER NEAR MARKHAM - STATION NO. 02HC022

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1961	---	---	---	---	---	---	---	---	---	---	0.388	0.434	---	1961
1962	0.292	0.404	2.31	1.24	0.280	0.211	0.180	0.114	0.219	0.486	0.990	0.841	0.632	1962
1963	0.489	0.361	2.87	1.35	1.59	0.217	0.180	0.280	0.345	0.255	0.374	0.309	0.721	1963
1964	1.21	0.425	1.99	1.50	0.584	0.272	0.442	0.576	0.219	0.304	0.369	0.859	0.732	1964
1965	0.514	2.06	2.51	3.33	0.547	0.140	0.235	0.134	0.226	0.974	1.81	1.86	1.25	1965
1966	0.922	1.35	3.48	1.46	0.852	0.379	0.111	0.166	0.267	0.224	1.06	1.67	0.994	1966
1967	0.911	0.650	3.69	2.96	0.807	1.41	1.72	1.22	0.619	1.81	2.42	2.28	1.71	1967
1968	1.27	2.99	5.80	1.54	1.71	0.367	0.291	0.347	0.375	0.227	1.11	1.07	1.40	1968
1969	1.21	1.35	3.96	3.73	1.74	0.425	0.245	0.265	0.185	0.476	0.850	0.510	1.24	1969
1970	0.394	0.381	2.98	3.42	1.11	0.292	0.434	0.245	0.537	0.492	0.901	0.973	1.01	1970
1971	0.596	0.934	3.26	5.47	0.479	0.310	0.811	0.750	0.463	0.601	0.663	1.81	1.35	1971
1972	0.905	0.498	1.76	9.94	0.625	0.577	0.746	0.425	0.660	1.00	1.94	2.04	1.75	1972
1973	1.57	1.28	5.96	3.73	1.24	0.472	0.453	0.226	0.321	0.658	1.34	0.953	1.52	1973
1974	2.15	1.25	3.69	3.46	2.39	0.731	0.507	0.415	0.391	0.465	0.858	0.693	1.42	1974
1975	1.17	3.28	2.96	3.65	1.04	0.441	0.222	0.374	0.533	0.241	0.607	0.739	1.25	1975
1976	0.467	3.09	4.70	1.91	1.93	0.507	1.54	1.90	0.667	1.05	0.860	0.562	1.60	1976
1977	0.256	0.454	5.46	1.92	0.692	0.385	0.630	0.660	1.58	2.27	2.95	4.06	1.79	1977
1978	2.61	1.02	3.92	7.53	2.57	0.580	0.392	0.551	0.768	0.790	0.832	0.760	1.86	1978
1979	1.50	0.739	7.74	3.91	1.34	0.601	0.533	0.481	0.490	1.37	2.16	3.68	2.06	1979
1980	1.76	0.452	4.58	4.93	0.968	0.536	1.33	0.490	0.633	1.12	0.991	1.79	1.64	1980
1981	0.245	5.04	1.07	1.03	1.21	0.714	0.525	0.969	2.19	2.63	2.00	1.11	1.54	1981
1982	1.02	0.433	6.62	4.10	0.624	2.28	0.905	0.740	1.11	1.25	3.13	3.54	2.15	1982
1983	1.43	2.38	2.76	3.43	2.96	0.501	0.296	0.419	0.462	0.801	2.00	1.93	1.61	1983
1984	0.472	5.98	4.37	2.83	1.86	0.824	0.502	0.805	1.17	0.577	1.71	1.75	1.89	1984
1985	0.754	5.01	5.85	3.25	0.752	0.775	0.429	1.08	0.794	0.916	4.70	1.53	2.13	1985
1986	1.34	1.04	6.04	1.57	0.823	1.43	0.548	5.38	6.64	2.38	1.35	2.36	2.59	1986
1987	1.28	0.711	4.14	2.75	0.522	0.857	0.752	0.418	0.652	0.610	1.53	2.33	1.38	1987
1988	0.891	0.834	2.28	1.60	1.13	0.385	0.425	0.320	0.596	0.941	1.36	0.594	0.946	1988
1989	1.20	0.530	1.73	1.18	1.41	1.50	0.318	1.06	0.880	0.999	2.68	0.592	1.17	1989
1990	1.74	2.44	4.79	3.14	1.39	1.44	1.08	1.17	0.644	2.53	1.80	4.52	2.23	1990
MEAN	1.05	1.66	3.91	3.17	1.20	0.681	0.579	0.759	0.849	0.982	1.52	1.60	1.50	MEAN

LOCATION - LAT 43 51 30 N DRAINAGE AREA, 186 km²
LONG 079 13 55 W REGULATED SINCE 1968

ROUGE RIVER NEAR MARKHAM - STATION NO. 02HC022

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1961	---	---	---	---	1961
1962	9.46B AT 22:00 EST ON MAR 19	6.46 ON MAR 25	0.062 ON SEP 02	19 900	1962
1963	15.6 AT 04:30 EST ON APR 26	12.5 ON MAR 25	0.062 ON JUL 03	22 700	1963
1964	10.7 AT 05:00 EST ON JAN 26	9.37 ON JAN 26	0.093 ON JUN 19	23 100	1964
1965	45.9 E AT 20:30 EST ON FEB 10	27.2 E ON FEB 10	0.079 ON AUG 25	39 300	1965
1966	20.4 AT 13:30 EST ON MAR 01	14.3 ON MAR 01	0.074 ON JUL 05	31 400	1966
1967	32.6 AT 08:00 EST ON DEC 22	19.1 ON DEC 22	0.173 ON SEP 17	54 100	1967
1968	53.2 AT 12:20 EST ON FEB 02	28.9 ON FEB 02	0.074 ON JUL 23	44 100	1968
1969	36.8 AT 21:59 EST ON APR 18	22.2 ON APR 18	0.062 ON AUG 13	39 200	1969
1970	18.2 AT 01:19 EST ON APR 04	12.5 ON APR 03	0.093 ON AUG 09	32 000	1970
1971	40.2 AT 11:47 EST ON APR 02	34.8 ON APR 02	0.082 ON JUL 03	42 400	1971
1972	48.4 AT 22:53 EST ON APR 11	39.1 ON APR 13	0.071 ON AUG 01	55 300	1972
1973	40.2 AT 00:50 EST ON MAR 12	18.9 ON APR 03	0.051 ON AUG 11 *	47 900	1973
1974	45.3 AT 12:37 EST ON MAR 05	37.7 ON MAR 05	0.074 ON JUL 17	44 800	1974
1975	60.9 AT 19:53 EST ON FEB 24	29.2 ON FEB 24	0.059 ON JUL 02	39 500	1975
1976	---	18.7 E ON MAR 21	0.088 ON JUN 08	50 500	1976
1977	46.4 AT 14:01 EST ON MAR 13	29.4 ON MAR 13	0.139 ON MAY 19	56 400	1977
1978	45.6 AT 22:15 EST ON APR 01	33.1 ON APR 01	0.252 ON JUL 19	58 700	1978
1979	46.1 AT 15:09 EST ON DEC 25	36.2 ON DEC 25	0.207 ON JUN 19	64 900	1979
1980	72.1 AT 19:03 EST ON MAR 21	41.9 ON MAR 21	0.153 ON JUL 14	51 800	1980
1981	45.1 AT 00:30 EST ON FEB 21	29.4 ON FEB 20	0.155 ON MAR 29	48 400	1981
1982	44.5 AT 01:46 EST ON APR 01	27.0 ON MAR 31	0.232 ON MAY 29	67 900	1982
1983	20.4 AT 20:05 EST ON MAR 19	12.8 B ON FEB 03	0.176 ON AUG 21	50 700	1983
1984	74.8 AT 10:35 EST ON FEB 14	47.0 B ON FEB 14	0.183 ON AUG 02	59 600	1984
1985	72.8 AT 19:33 EST ON FEB 24	48.0 B ON FEB 24	0.155 ON AUG 13	67 100	1985
1986	99.7 AT 01:49 EST ON AUG 16 *	60.3 ON SEP 11 *	0.076 ON MAY 08	81 500	1986
1987	32.2 AT 02:25 EST ON MAR 08	21.5 ON MAR 08	0.146 ON AUG 24	43 700	1987
1988	12.7 AT 06:40 EST ON APR 04	9.82 ON APR 04	0.145B ON DEC 13	29 900	1988
1989	23.6 AT 17:53 EST ON AUG 04	12.6 ON NOV 15	0.145 ON JUL 11	37 000	1989
1990	65.3 AT 09:58 EST ON MAR 12	48.0 ON MAR 12	0.278 ON AUG 10	70 200	1990
MEAN				47 400	MEAN

B - ICE CONDITIONS
E - ESTIMATED

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

RUSCOM RIVER NEAR RUSCOM STATION - STATION NO. 02GH002

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1971	---	---	---	---	---	---	---	---	0.030	0.034	0.043	0.371	---	1971
1972	0.399	0.205	2.24	2.10	0.478	0.056	0.119	0.062	0.054	0.127	2.20	2.55	0.884	1972
1973	1.15	0.709	4.41	1.01	0.395	0.841	0.372	0.655	0.035	0.075	0.639	1.99	1.03	1973
1974	3.02	1.54	4.10	1.43	1.13	0.096	0.032	0.010	0.014	0.038	0.111	0.697	1.02	1974
1975	3.75	2.92	1.63	0.481	0.248	0.797	0.021	0.625	0.883	0.090	0.123	1.34	1.07	1975
1976	0.707	5.95	3.61	0.738	0.518	0.320	0.783	0.010	0.037	0.087	0.045	0.029	1.05	1976
1977	0.008	0.234	3.94	3.89	0.619	0.429	0.193	0.097	3.77	1.10	0.408	4.34	1.59	1977
1978	0.379	0.136	5.74	3.03	0.580	0.277	0.034	0.005	0.009	0.046	0.098	0.204	0.885	1978
1979	0.304	0.219	2.00	4.82	1.26	0.185	0.152	0.019	0.057	0.088	0.511	1.99	0.969	1979
1980	0.679	0.209	3.43	1.96	0.469	2.07	1.51	0.961	0.927	0.158	0.078	0.493	1.08	1980
1981	0.076	4.26	0.620	1.99	1.26	1.35	1.03	0.067	0.738	4.65	0.373	0.365	1.38	1981
1982	1.39	0.543	7.97	1.78	0.207	0.205	0.049	0.016	0.035	0.037	2.04	3.66	1.51	1982
1983	0.136	0.814	0.524	2.55	2.66	1.68	2.27	0.736	0.125	0.407	3.08	3.35	1.55	1983
1984	0.072	2.13	3.87	0.930	1.19	0.343	0.021	0.017	0.157	0.098	0.273	1.02	0.840	1984
1985	1.77	7.37	4.67	1.43	0.127	0.097	0.058	0.381	0.095	1.01	5.52	1.06	1.92	1985
1986	0.928	2.12	5.01	0.888	0.322	2.75	0.260	0.122	0.943	2.43	0.813	2.97	1.59	1986
1987	1.13	0.355	1.32	1.19	0.076	0.261	0.247	0.159	0.430	0.163	1.14	3.12	0.803	1987
1988	0.257	0.398	0.974	0.397	0.056	0.009	0	0	0.034	0.244	1.08	0.631	0.339	1988
1989	1.01	0.266	0.625	1.82	0.982	1.63	3.32	0.137	0.247	0.170	0.383	0.052	0.891	1989
1990	2.10	4.71	1.23	2.48	1.54	0.159	0.060	0.134	2.94	1.85	0.769	5.60	1.95	1990
MEAN	1.02	1.85	3.05	1.84	0.743	0.687	0.555	0.222	0.578	0.645	0.986	1.79	1.18	MEAN

LOCATION - LAT 42 13 54 N DRAINAGE AREA, 125 km²
LONG 082 37 00 W NATURAL FLOW

RUSCOM RIVER NEAR RUSCOM STATION - STATION NO. 02GH002

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1971	---	---	---	---	1971
1972	27.1 AT 18:51 EST ON APR 16	16.7 ON DEC 13	0.007 ON AUG 06	27 900	1972
1973	32.0 AT 15:24 EST ON MAR 11	20.5 ON MAR 11	0.018 ON SEP 13	32 500	1973
1974	45.0 AT 05:54 EST ON MAR 05	24.6 ON MAR 05	0 ON AUG 28 *	32 200	1974
1975	48.1 AT 00:06 EST ON JAN 11	26.4 ON FEB 24	0 ON JUL 31	33 600	1975
1976	---	37.9 B ON FEB 17	0 ON SEP 07	33 200	1976
1977	94.0 AT 17:03 EST ON SEP 26	60.3 ON SEP 26	0.003B ON JAN 18	50 200	1977
1978	102 AT 14:00 EST ON MAR 21 *	57.2 ON MAR 21	0 ON SEP 01	27 900	1978
1979	56.7 AT 06:41 EST ON APR 14	44.7 ON APR 14	0.003 ON SEP 11	30 600	1979
1980	50.3 AT 15:55 EST ON JUL 28	25.1 ON JUL 28	0.021 ON JUL 21	34 200	1980
1981	75.9 AT 13:05 EST ON OCT 01	64.2 ON OCT 01	0.017 ON AUG 25	43 500	1981
1982	60.1B AT 20:50 EST ON MAR 13	52.0 B ON MAR 14	0 ON AUG 18	47 500	1982
1983	51.4 AT 06:45 EST ON MAY 02	34.8 ON MAY 02	0.024 ON SEP 14	48 800	1983
1984	49.1 AT 15:25 EST ON MAR 21	37.7 ON MAR 21	0 ON AUG 17	26 600	1984
1985	85.6 AT 08:47 EST ON FEB 24	77.8 ON FEB 24 *	0.001 ON JUL 30	60 600	1985
1986	61.1 AT 03:20 EST ON MAR 11	37.3 ON MAR 11	0.011 ON JUL 31	50 100	1986
1987	32.5 AT 19:22 EST ON DEC 15	15.4 ON DEC 15	0.005 ON AUG 18	25 300	1987
1988	11.1 AT 09:32 EST ON DEC 28	8.65 ON DEC 28	0 ON JUL 06	10 700	1988
1989	49.2 AT 02:45 EST ON JUL 21	38.5 ON JUL 21	0.013 ON JUL 19	28 100	1989
1990	64.7 AT 09:24 EST ON DEC 30	59.4 ON DEC 30	0.003 ON AUG 06	61 400	1990
	B - ICE CONDITIONS	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		37 100	MEAN

SACHIGO RIVER BELOW BEAVERSTONE RIVER - STATION NO. 04CD001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1966	---	---	---	---	---	---	---	---	---	170	142	86.6	---	1966
1967	45.0	29.0	22.2	20.1	345	566	196	107	63.1	57.9	91.9	36.6	129	1967
1968	28.2	23.6	20.6	43.4	137	109	155	161	353	311	157	89.9	133	1968
1969	61.8	46.9	37.5	85.3	190	131	99.7	109	220	284	144	87.4	125	1969
1970	57.0	42.0	33.7	32.3	356	363	275	183	149	331	257	132	185	1970
1971	83.1	59.4	44.6	66.3	417	210	207	213	109	110	90.0	61.2	140	1971
1972	43.0	31.2	23.2	20.4	703	245	107	66.5	110	158	85.3	59.5	139	1972
1973	44.7	36.2	33.1	33.2	402	240	211	103	131	322	203	117	157	1973
1974	74.5	54.3	41.8	39.1	230	455	184	121	165	176	106	70.1	143	1974
1975	50.2	38.7	30.6	36.1	474	317	247	379	251	305	113	56.8	193	1975
1976	41.4	40.0	27.1	25.6	192	217	182	152	176	110	56.5	36.5	105	1976
1977	25.9	20.1	16.1	44.3	131	70.4	83.9	199	262	---	---	---	---	1977
MEAN	50.5	38.3	30.0	40.5	325	266	177	163	181	212	128	75.8	145	MEAN

LOCATION - LAT 54 59 25 N DRAINAGE AREA, 21 100 km²
LONG 089 20 40 W NATURAL FLOW

SACHIGO RIVER BELOW BEAVERSTONE RIVER - STATION NO. 04CD001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1966	---	---	---	---	1966
1967	---	---	---	---	1967
1968	---	1 170E ON MAY 30	19.8B ON APR 10	4 060 000	1968
1969	348 AT 21:00 EST ON OCT 10	530 ON SEP 05 345 ON OCT 09	19.8B ON MAR 22 32.6B ON APR 04	4 190 000 3 950 000	1969
1970	---	765B ON MAY 16	30.0B ON APR 07	5 840 000	1970
1971	---	600 ON MAY 07	35.1B ON APR 15	4 420 000	1971
1972	---	1 190E ON MAY 11 *	18.3B ON APR 13 *	4 380 000	1972
1973	---	869B ON MAY 13	32.0B ON APR 04	4 960 000	1973
1974	569 AT 23:07 EST ON JUN 13	564 ON JUN 14	37.7B ON APR 07	4 520 000	1974
1975	595 AT 15:23 EST ON AUG 05 *	592 ON AUG 05	23.8B ON APR 20	6 080 000	1975
1976	---	408B ON MAY 16	23.3B ON APR 10	3 320 000	1976
1977	---	374 ON AUG 27	---	---	1977
	B - ICE CONDITIONS E - ESTIMATED	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		4 570 000	MEAN

SACHIGO RIVER BELOW OUTLET OF SACHIGO LAKE - STATION NO. 04CD002

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1970	---	---	---	---	---	---	113	72.0	54.1	67.8	69.9	50.8	---	1970
1971	38.5	28.7	23.7	23.0	74.1	67.6	69.1	56.0	37.7	31.2	35.9	34.4	43.5	1971
1972	29.7	24.1	18.5	14.8	84.5	59.6	38.6	30.9	25.2	28.6	29.0	23.9	31.5	1972
1973	19.1	15.7	13.6	12.5	60.1	86.8	73.0	51.5	39.6	42.1	46.5	43.0	42.1	1973
1974	34.8	26.9	20.6	15.3	29.9	75.4	60.1	70.3	63.9	56.7	45.4	35.8	44.7	1974
1975	29.9	23.9	18.4	13.9	52.1	101	69.5	83.8	69.2	56.7	44.5	34.8	49.8	1975
1976	26.6	20.5	15.6	14.4	31.6	41.1	36.1	31.1	26.6	20.8	16.3	13.9	24.6	1976
1977	12.1	10.5	9.11	---	---	---	---	---	---	---	---	---	---	1977
1978	21.4	16.7	13.1	11.7	24.0	30.1	28.2	27.9	31.1	39.3	41.8	30.8	26.4	1978
1979	27.7	21.0	16.5	16.7	39.8	52.9	40.4	34.6	36.3	43.1	45.2	38.5	34.5	1979
1980	29.5	23.1	18.2	15.2	35.2	31.4	27.1	24.9	27.2	41.8	41.9	32.7	29.0	1980
1981	25.5	19.7	16.4	13.9	23.6	45.3	57.9	45.8	37.2	47.3	50.8	39.1	35.3	1981
1982	29.0	22.0	17.2	17.7	45.8	71.2	75.9	65.7	56.0	49.7	42.8	36.3	44.3	1982
1983	29.0	22.7	18.8	16.7	43.4	93.5	112	61.0	40.2	35.0	37.4	34.9	45.5	1983
1984	28.7	23.2	17.9	19.1	43.7	49.1	45.3	38.3	31.7	28.6	27.8	27.7	31.8	1984
1985	21.7	16.3	13.7	11.9	50.1	78.1	119	73.2	50.9	46.1	39.7	32.0	46.3	1985
1986	24.7	18.9	14.5	16.0	55.5	54.0	39.0	35.2	28.1	33.9	34.6	30.2	31.9	1986
1987	24.3	19.8	16.5	17.9	28.4	28.3	27.5	33.8	49.2	42.6	38.8	31.6	30.1	1987
1988	24.3	19.3	15.1	13.3	27.8	44.8	36.6	26.6	21.6	26.4	26.9	23.9	25.6	1988
1989	19.9	16.2	12.7	10.7	20.3	36.1	28.2	19.1	24.1	33.8	34.1	29.2	23.7	1989
1990	23.9	18.2	14.9	13.2	44.3	59.5	47.7	36.7	29.1	27.5	25.6	22.4	30.3	1990
MEAN	26.0	20.4	16.2	15.2	41.3	58.2	57.2	45.9	39.0	39.9	38.7	32.3	35.3	MEAN

LOCATION - LAT 53 59 40 N DRAINAGE AREA, 4 270 km^2
LONG 092 08 50 W NATURAL FLOW

SACHIGO RIVER BELOW OUTLET OF SACHIGO LAKE - STATION NO. 04CD002

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1970	---	---	---	---	1970
1971	92.9 AT 12:54 CST ON MAY 26	91.5 ON MAY 23	19.8 ON APR 12	1 370 000	1971
1972	77.0 AT 17:55 CST ON MAY 30	73.9 ON MAY 30	13.0 ON APR 22	996 000	1972
1973	111 AT 21:27 CST ON JUN 04	110 ON JUN 04	11.8 ON APR 22	1 330 000	1973
1974	90.0 AT 18:13 CST ON JUN 25	89.8 ON JUN 25	12.9 ON APR 21	1 410 000	1974
1975	110 AT 02:40 CST ON JUN 08	109 ON JUN 08	12.2 ON APR 19	1 570 000	1975
1976	48.7 AT 18:55 CST ON JUN 20	46.7 ON JUN 20	12.0 ON APR 10	777 000	1976
1977	---	---	---	---	1977
1978	50.7 AT 05:15 EST ON NOV 05	50.1 ON NOV 07	11.2 E ON APR 19	832 000	1978
1979	61.4 AT 21:58 EST ON JUN 06	59.1 ON JUN 06	14.6 E ON APR 10	1 090 000	1979
1980	45.9 AT 03:59 EST ON OCT 23	45.8 ON OCT 22	12.9 ON APR 12	919 000	1980
1981	65.5 AT 19:30 EST ON JUN 30	64.8 ON JUL 01	13.1 ON APR 19	1 110 000	1981
1982	88.9 AT 16:02 EST ON JUN 26	87.2 ON JUN 23	15.8 E ON APR 07	1 400 000	1982
1983	145 AT 13:02 EST ON JUL 04 *	143 ON JUL 04 *	16.2 ON APR 26	1 440 000	1983
1984	---	55.3E ON MAY 22	15.1 ON APR 03	1 010 000	1984
1985	134 AT 07:13 EST ON JUL 14	133 ON JUL 14	11.2 ON APR 10	1 460 000	1985
1986	70.0 AT 12:46 EST ON MAY 22	69.2 ON MAY 22	12.8 ON APR 08	1 010 000	1986
1987	54.5 AT 15:46 EST ON SEP 04	53.2 ON SEP 03	14.1 ON APR 10	950 000	1987
1988	48.0 AT 15:06 EST ON JUN 09	46.9 ON JUN 11	12.3 ON APR 17	809 000	1988
1989	41.7 AT 20:48 EST ON JUN 20	40.5 ON JUN 20	9.92 ON APR 26 *	748 000	1989
1990	---	68.0E ON MAY 26	12.2 ON APR 16	956 000	1990
	E - ESTIMATED	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		1 120 000	MEAN

SALMON RIVER NEAR SHANNONVILLE - STATION NO. 02HM003

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1958	---	---	---	---	---	---	---	0.181	0.280	0.335	2.04	4.10	---	1958
1959	3.73	3.80	15.0	50.6	14.2	1.32	0.702	0.171	0.229	2.19	8.46	14.6	9.58	1959
1960	4.41	7.26	4.48	66.3	21.0	4.89	1.20	0.390	0.143	0.137	0.418	0.377	9.18	1960
1961	0.270	2.95	11.1	24.0	20.6	9.88	2.82	1.02	0.606	0.315	0.628	2.71	6.41	1961
1962	1.58	1.40	14.0	26.8	3.72	0.523	0.591	0.424	0.409	0.936	7.21	9.59	5.60	1962
1963	5.25	3.76	15.9	28.7	14.1	7.98	2.00	0.807	0.292	0.292	1.24	8.37	7.39	1963
1964	9.23	8.15	16.4	23.4	13.5	3.84	0.919	0.254	0.214	0.317	0.608	2.22	6.57	1964
1965	4.44	13.5	17.9	36.7	14.4	2.11	0.974	0.307	0.780	6.38	21.1	23.7	11.8	1965
1966	11.3	5.43	25.8	16.1	6.68	4.24	0.840	0.242	0.181	0.261	7.01	26.0	8.75	1966
1967	11.5	10.5	22.6	23.1	12.9	4.73	3.02	0.968	0.347	5.12	20.5	15.4	10.7	1967
1968	8.55	12.5	21.1	21.6	8.36	8.39	4.69	1.22	4.62	4.14	9.80	15.8	10.1	1968
1969	8.35	12.7	21.1	38.5	31.8	13.4	3.71	2.08	0.465	0.388	4.79	9.75	12.2	1969
1970	4.56	5.90	12.7	34.3	18.1	6.19	3.21	1.00	0.381	1.08	11.1	14.8	9.44	1970
1971	8.48	8.18	15.9	52.2	20.0	3.71	0.967	0.266	0.220	0.635	0.665	9.85	10.1	1971
1972	10.8	7.52	9.24	49.9	25.4	10.5	7.87	5.08	1.16	5.91	17.1	19.0	14.1	1972
1973	21.7	17.8	43.2	32.0	13.6	5.76	0.993	0.281	0.125	0.150	2.98	8.43	12.4	1973
1974	15.7	12.7	26.9	42.9	27.4	8.26	2.24	0.385	0.154	0.179	2.16	11.3	12.5	1974
1975	9.30	9.42	26.9	39.6	21.0	3.76	0.566	0.164	0.129	0.391	0.848	6.78	9.89	1975
1976	5.58	17.3	46.8	41.8	9.58	3.74	1.21	0.335	0.200	0.593	1.54	3.22	10.9	1976
1977	2.55	2.59	38.5	23.4	7.16	1.76	0.302	0.244	0.413	2.65	6.77	19.1	8.84	1977
1978	20.3	14.9	15.7	53.7	17.9	2.44	0.308	0.126	0.197	0.128	1.46	7.20	11.1	1978
1979	15.3	8.42	43.3	43.2	14.9	5.68	1.11	0.210	0.189	0.790	5.75	17.1	13.0	1979
1980	17.3	4.20	28.9	35.2	18.6	4.38	1.11	1.40	0.622	1.87	8.97	15.2	11.7	1980
1981	4.98	36.1	29.1	11.0	9.49	8.76	3.89	2.38	21.5	11.9	18.2	8.08	13.8	1981
1982	6.12	3.68	10.6	49.8	16.2	9.85	3.07	0.891	0.815	1.71	9.92	25.8	12.1	1982
1983	19.1	15.3	20.6	29.2	28.3	7.88	1.17	0.490	0.377	2.00	8.62	24.8	13.1	1983
1984	8.57	27.3	24.0	41.6	18.8	6.06	2.27	1.66	0.923	0.415	1.59	4.86	11.4	1984
1985	7.93	10.0	35.0	30.0	7.57	2.51	0.657	0.096	2.46	3.71	19.1	11.2	10.8	1985
1986	12.4	8.58	21.1	22.2	9.01	9.61	4.44	4.46	8.52	21.1	11.0	14.7	12.4	1986
1987	8.22	4.51	20.6	41.3	6.23	3.22	1.44	0.294	0.269	0.647	6.22	23.5	9.71	1987
1988	9.81	10.7	19.0	32.3	7.20	2.01	0.370	0.169	0.085	0.707	5.19	5.29	7.70	1988
1989	6.86	5.74	12.2	28.0	13.7	5.95	1.47	0.371	0.044	0.238	10.2	8.89	7.79	1989
1990	10.3	14.9	29.2	31.3	17.8	5.51	1.48	0.492	0.094	2.14	5.46	22.6	11.8	1990
MEAN	9.19	10.2	22.3	35.4	15.3	5.57	1.99	0.874	1.44	2.42	7.24	12.6	10.4	MEAN

LOCATION - LAT 44 12 28 N DRAINAGE AREA, 891 km²
LONG 077 12 35 W REGULATED

SALMON RIVER NEAR SHANNONVILLE - STATION NO. 02HM003

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1958	---	---	---	---	1958
1959	---	80.1 CN APR 03	0.113 CN AUG 11	302 000	1959
1960	---	104 CN APR 04	0.031 CN SEP 22	290 000	1960
1961	---	31.4 CN MAY 20	0.127 CN OCT 17	202 000	1961
1962	---	49.7 CN MAR 30	0.054 CN SEP 05	177 000	1962
1963	---	65.7 CN MAR 27	0.210 CN SEP 24	233 000	1963
1964	---	38.2 CN APR 08	0.059 CN SEP 08	208 000	1964
1965	62.3 AT 14:00 EST CN NOV 27	51.5 CN APR 13	0.176 CN AUG 24	372 000	1965
1966	52.4 AT 06:00 EST CN DEC 11	43.0 CN DEC 11	0.099 CN SEP 13	276 000	1966
1967	64.0 AT 05:00 EST CN APR 03	49.0 CN APR 03	0.127 CN SEP 10	338 000	1967
1968	58.0 AT 21:30 EST CN MAR 19	55.5 CN MAR 20	0.447 CN SEP 02	319 000	1968
1969	82.1 AT 12:30 EST CN MAY 19	69.9B CN MAR 25	0.127 CN OCT 13	386 000	1969
1970	47.9 AT 05:12 EST CN MAR 27	43.0 CN MAR 27	0.201 CN SEP 25	298 000	1970
1971	79.3 AT 04:41 EST CN APR 14	77.9 CN APR 14	0.076 CN AUG 21	317 000	1971
1972	73.3 AT 23:55 EST CN APR 15	71.1 CN APR 16	0.816 CN SEP 24	447 000	1972
1973	78.7 AT 01:56 EST CN MAR 19	75.0 CN MAR 19	0.065 CN SEP 15	385 000	1973
1974	81.3 AT 11:30 EST CN APR 05	80.1 CN APR 05	0.108 CN OCT 11	395 000	1974
1975	78.2 AT 18:03 EST CN MAR 20	71.6 CN MAR 20	0.088 CN SEP 10	312 000	1975
1976	89.2 AT 03:14 EST CN MAR 29	86.4 CN MAR 28	0.102 CN SEP 05	346 000	1976
1977	---	68.8 CN MAR 14	0.102 CN JUL 31	279 000	1977
1978	74.8 AT 22:44 EST CN AUG 01	68.0 CN APR 02	0.082 CN AUG 19	351 000	1978
1979	71.7 AT 02:30 EST CN APR 06	68.9 CN APR 06	0.049 CN SEP 13	411 000	1979
1980	152 AT 22:43 EST CN MAR 21 *	141 CN MAR 22 *	0.284 CN SEP 25	369 000	1980
1981	113 AT 01:30 EST CN FEB 21	106 CN FEB 21	1.54 CN SEP 03	434 000	1981
1982	81.6 AT 18:11 EST CN APR 03	76.2 CN APR 04	0.425 CN AUG 22	382 000	1982
1983	52.6 AT 23:15 EST CN DEC 15	49.6 CN DEC 15	0.174 CN AUG 29	415 000	1983
1984	65.3 AT 00:40 EST CN APR 07	61.6 CN APR 07	0.253 CN OCT 07	360 000	1984
1985	65.2 AT 01:59 EST CN MAR 14	59.8 CN MAR 14	0.028 CN AUG 20	342 000	1985
1986	84.2 AT 20:57 EST CN MAR 19	64.1 CN MAR 20	2.18 CN JUL 31	320 000	1986
1987	76.2 AT 18:30 EST CN APR 06	74.2 CN APR 06	0.061 CN SEP 07	306 000	1987
1988	77.3 AT 07:19 EST CN MAR 27	74.2 CN MAR 27	0.051 CN AUG 23	243 000	1988
1989	47.1 AT 20:52 EST CN APR 04	45.7 CN APR 05	0.011 CN OCT 01 *	246 000	1989
1990	58.5 AT 14:53 EST CN DEC 30	56.6 CN DEC 30	0.052 CN SEP 22	371 000	1990
	B - ICE CONDITIONS	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		328 000	MEAN

SAMOUSK CREEK NEAR HAGERSVILLE - STATION NO. 02QC034

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1990	---	---	---	0.039	0.009	0	0.003	0	0.001	0.008	0.029	0.447	---	1990
MEAN	---	---	---	0.039	0.009	0	0.003	0	0.001	0.008	0.029	0.447	---	MEAN

LOCATION - LAT 42 57 10 N LONG 080 09 51 W DRAINAGE AREA, 3.96 km² NATURAL FLOW

REMARKS - STATION ACTIVATED MARCH 1990

SAMOUSK CREEK NEAR HAGERSVILLE - STATION NO. 02QC034

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1990	---	---	0 ON MAY 25 *	---	1990
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		---	MEAN

SAMOUSK CREEK NEAR SELKIRK - STATION NO. 02QC035

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1990	---	---	2.32	1.48	0.818	0.079	0.094	0.085	0.054	0.626	0.795	5.98	---	1990
MEAN	---	---	2.32	1.48	0.818	0.079	0.094	0.085	0.054	0.626	0.795	5.98	---	MEAN

LOCATION - LAT 42 49 25 N LONG 079 59 35 W DRAINAGE AREA, 118 km² NATURAL FLOW

REMARKS - STATION ACTIVATED MARCH 1990

SAMOUSK CREEK NEAR SELKIRK - STATION NO. 02QC035

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1990	69.3 AT 02:59 EST ON DEC 30 *	---	---	---	1990
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		---	MEAN

SAUBLE RIVER AT ALLENFORD - STATION NO. 02FA004

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1987	2.78	1.90	10.9	4.85	1.18	0.654	0.518	0.461	0.650	3.51	7.19	7.61	3.54	1987
1988	4.58	7.22	14.8	5.47	2.50	0.479	0.339	0.357	0.618	5.27	9.08	7.46	4.85	1988
1989	7.09	3.59	15.8	5.63	1.96	1.79	0.459	0.195	0.130	0.168	1.21	1.26	3.28	1989
1990	8.69	4.24	13.8	5.46	2.60	0.910	0.517	0.317	0.316	3.93	11.3	9.53	5.15	1990
MEAN	5.79	4.24	13.8	5.35	2.06	0.958	0.458	0.333	0.429	3.22	7.20	6.47	4.21	MEAN

LOCATION - LAT 44 32 06 N LONG 081 10 41 W DRAINAGE AREA, 301 km²

REMARKS - STATION ACTIVATED DEC 19 1986.

SAUBLE RIVER AT ALLENFORD - STATION NO. 02FA004

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1987	29.7 AT 03:06 EST ON NOV 30	24.7 ON NOV 30	0.230 ON SEP 11	112 000	1987
1988	69.1 AT 00:49 EST ON MAR 26	57.1 ON MAR 26	0.214 ON JUL 23	153 000	1988
1989	107 AT 00:15 EST ON MAR 28	93.5 ON MAR 28	0.048 ON OCT 03 *	103 000	1989
1990	125 AT 14:59 EST ON MAR 12 *	95.0B ON MAR 12 *	0.070 ON SEP 07	162 000	1990
	B - ICE CONDITIONS	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		133 000	MEAN

SAUBLE RIVER AT SAUBLE FALLS - STATION NO. 02FA001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1957	---	---	---	---	10.5	4.65	4.86	1.39	5.67	9.18	20.9	29.0	---	1957
1958	13.3	8.11	22.6	20.6	6.74	3.53	1.42	1.10	1.14	1.39	3.65	4.65	7.33	1958
1959	5.91	6.48	22.1	68.1	22.9	6.52	1.70	1.33	1.17	3.40	13.9	16.4	14.2	1959
1960	12.8	12.9	10.2	57.3	34.2	10.9	2.85	1.96	1.36	1.84	8.17	5.82	13.1	1960
1961	5.75	9.59	42.2	30.3	14.6	7.18	3.58	2.56	3.42	3.35	12.1	17.1	12.7	1961
1962	8.43	8.65	30.8	35.0	9.94	2.67	1.67	1.06	0.789	1.12	4.53	9.37	9.67	1962
1963	7.43	5.84	31.5	39.6	28.1	6.19	2.52	2.47	2.91	3.62	7.08	8.45	12.2	1963
1964	17.4	14.4	23.5	14.7	6.38	2.79	1.84	1.17	1.10	1.98	2.88	10.4	8.20	1964
1965	12.4	22.9	17.9	60.7	18.1	3.09	2.00	2.01	1.34	5.02	13.9	26.4	15.4	1965
1966	23.0	38.1	22.9	14.1	4.94	2.92	1.27	0.823	0.575	0.612	3.57	19.9	10.9	1966
1967	18.0	15.6	17.9	60.2	11.7	7.61	4.73	2.44	3.30	11.5	41.1	29.2	18.5	1967
1968	15.0	30.2	29.2	23.4	8.51	4.81	3.96	5.90	6.23	5.23	8.41	24.1	13.7	1968
1969	18.8	21.9	20.2	48.5	27.3	10.2	5.07	3.90	2.04	3.48	15.4	14.2	15.8	1969
1970	9.32	10.8	14.9	56.1	16.8	3.15	4.41	3.18	6.78	12.6	13.0	17.6	14.0	1970
1971	12.1	11.6	31.6	63.1	26.0	5.51	1.92	2.09	2.65	2.11	3.93	11.8	14.0	1971
1972	14.0	14.2	31.9	59.3	20.6	5.21	4.28	1.60	2.11	4.84	10.1	13.7	11.8	1972
1973	17.6	14.9	34.7	24.0	12.8	7.82	4.53	4.96	2.12	2.02	14.8	19.6	15.2	1973
1974	24.3	18.1	30.5	34.9	18.3	8.10	2.86	1.80	1.55	4.07	13.9	12.5	14.0	1974
1975	17.6	15.2	32.6	42.7	13.8	3.97	1.54	1.17	2.18	2.17	4.88	13.0	12.5	1975
1976	10.0	24.0	67.3	27.1	11.8	3.83	4.01	1.73	1.31	2.37	11.3	11.6	14.7	1976
1977	8.18	8.18	64.7	34.9	6.39	2.22	1.99	1.92	4.53	10.4	22.5	25.5	16.0	1977
1978	14.7	9.60	12.2	47.9	10.9	4.46	2.59	1.02	2.33	2.68	7.93	13.0	10.7	1978
1979	15.3	11.2	58.7	48.0	13.6	3.47	1.86	2.00	1.67	7.57	15.9	31.9	17.6	1979
1980	21.4	9.38	29.0	38.9	9.14	6.04	14.1	11.4	6.54	13.0	15.1	20.4	16.2	1980
1981	11.1	44.5	31.5	19.7	11.8	5.29	3.50	1.91	5.72	7.95	9.27	15.9	13.8	1981
1982	11.6	7.74	45.8	62.4	11.0	8.15	3.43	2.76	3.16	4.89	14.0	30.0	15.4	1982
1983	21.0	22.5	41.0	44.7	28.2	10.8	2.89	1.74	2.15	4.17	8.91	17.1	11.8	1983
1984	12.0	46.3	32.2	25.3	9.13	4.94	2.70	1.62	5.99	6.24	15.6	21.7	15.2	1984
1985	20.0	25.0	57.6	51.6	12.8	4.46	2.25	1.39	10.5	11.4	24.8	17.7	19.9	1985
1986	16.3	13.1	46.0	31.8	13.5	5.50	2.87	2.10	12.0	30.6	20.9	11.6	16.5	1986
1987	10.6	7.44	25.1	20.2	3.90	2.56	1.81	1.42	1.59	8.48	21.1	28.2	11.1	1987
1988	18.7	26.2	31.8	27.9	7.43	2.45	1.54	1.18	2.83	11.3	26.1	20.4	14.8	1988
1989	22.9	14.8	30.4	29.0	6.53	5.14	1.73	0.873	0.717	1.31	3.49	6.22	10.2	1989
1990	21.9	19.6	37.0	20.1	8.10	3.79	3.56	2.37	1.76	12.6	32.4	29.9	16.1	1990
MEAN	15.4	17.3	30.9	38.3	13.7	5.27	3.21	2.36	3.29	6.40	13.4	17.9	13.9	MEAN

LOCATION - LAT 44 40 10 N DRAINAGE AREA, 927 km²
LONG 081 15 10 W NATURAL FLOW

SAUBLE RIVER AT SAUBLE FALLS - STATION NO. 02FA001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)		MAXIMUM DAILY DISCHARGE (m^3/s)		MINIMUM DAILY DISCHARGE (m^3/s)		TOTAL DISCHARGE (dam^3)	YEAR
1957	---		---		---		---	1957
1958	---		55.5	ON MAR 29	0.680	ON AUG 20	231 000	1958
1959	144 AT 11:00 EST	ON APR 06	141	ON APR 06	0.906	ON SEP 14	448 000	1959
1960	160 AT 17:00 EST	ON APR 04	153	ON APR 04	1.05	ON SEP 17	420 000	1960
1961	---		80.1	ON MAR 08	0.850	ON SEP 10	400 000	1961
1962	---		117	ON MAR 30	0.527	ON SEP 18	305 000	1962
1963	---		170	ON MAR 30	1.38	ON SEP 10	385 000	1963
1964	---		55.5	ON MAR 06	0.623	ON SEP 14	259 000	1964
1965	---		148	ON APR 13	1.01	ON SEP 08	485 000	1965
1966	---		159	ON FEB 12	0.425	ON SEP 20 *	344 000	1966
1967	183 AT 18:00 EST	ON APR 01	172	ON APR 01	1.92	ON AUG 21	585 000	1967
1968	99.1 AT 09:00 EST	ON FEB 04	92.9	ON FEB 04	2.94	ON JUL 28	433 000	1968
1969	104 AT 11:06 EST	ON APR 06	102	ON APR 06	1.71	ON OCT 07	499 000	1969
1970	122 AT 05:43 EST	ON APR 16	120	ON APR 16	2.09	ON AUG 18	443 000	1970
1971	126 AT 11:00 EST	ON APR 13	121	ON APR 13	1.37	ON AUG 24	443 000	1971
1972	148 AT 01:30 EST	ON APR 16	142	ON APR 15	1.95	ON OCT 11	435 000	1972
1973	86.4 AT 23:50 EST	ON JAN 01	80.7	ON JAN 01	1.55	ON SEP 17	479 000	1973
1974	88.9 AT 03:00 EST	ON APR 05	84.4	ON APR 05	1.14	ON SEP 17	442 000	1974
1975	135 AT 06:30 EST	ON APR 20	132	ON APR 20	0.858	ON AUG 23	395 000	1975
1976	134 AT 12:00 EST	ON MAR 22	130	ON MAR 22	0.773	ON SEP 07	464 000	1976
1977	203 AT 17:08 EST	ON MAR 16 *	198	ON MAR 16 *	0.954	ON JUL 29	305 000	1977
1978	92.3 AT 17:23 EST	ON APR 08	90.9	ON APR 08	0.654	ON SEP 08	338 000	1978
1979	116 AT 13:11 EST	ON MAR 25	114	ON MAR 25	1.11	ON JUL 30	557 000	1979
1980	87.0 AT 14:21 EST	ON MAR 22	84.6	ON MAR 22	2.72	ON AUG 29	513 000	1980
1981	148 AT 16:59 EST	ON FEB 24	142	ON FEB 24	1.40	ON AUG 27	435 000	1981
1982	168 AT 00:02 EST	ON APR 02	156	ON APR 02	1.32	ON AUG 21	486 000	1982
1983	66.0 AT 00:10 EST	ON MAY 09	59.3	ON MAY 08	0.992	ON SEP 15	414 000	1983
1984	118 AT 04:56 EST	ON FEB 16	116	ON FEB 16	1.18	ON AUG 17	480 000	1984
1985	143 AT 23:00 EST	ON APR 06	131	ON APR 06	0.970	ON AUG 24	627 000	1985
1986	---		110 E	ON MAR 27	1.36	ON SEP 09	522 000	1986
1987	48.4 AT 18:28 EST	ON NOV 30	45.8	ON NOV 30	0.965	ON SEP 10	149 000	1987
1988	98.0 AT 09:47 EST	ON MAR 27	96.3	ON MAR 27	0.947	ON AUG 23	467 000	1988
1989	149 AT 11:25 EST	ON MAR 29	144	ON MAR 29	0.514	ON SEP 25	321 000	1989
1990	137 AT 21:44 EST	ON MAR 13	125	ON MAR 14	1.29	ON SEP 10	507 000	1990
	E - ESTIMATED		* - EXTREME RECORDED FOR THE PERIOD OF RECORD				437 000	MEAN

SAUGEEN RIVER ABOVE DURHAM - STATION NO. 02FC016

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1976	---	---	---	---	---	---	---	---	---	---	---	---	---	1976
1977	1.31	1.37	19.4	7.75	1.25	0.701	0.745	2.67	4.39	7.31	6.45	5.25	4.91	1977
1978	2.38	1.67	3.21	19.8	6.48	2.00	0.566	0.611	1.41	2.33	2.89	3.41	3.87	1978
1979	3.11	1.50	15.8	16.6	4.87	1.37	0.843	1.27	1.20	4.18	6.95	7.92	5.47	1979
1980	4.17	1.34	8.04	12.5	2.74	1.72	4.30	2.12	3.21	5.04	4.44	5.90	4.64	1980
1981	1.67	16.8	6.66	6.45	4.05	2.09	0.711	1.29	2.87	3.02	4.90	2.93	4.53	1981
1982	2.16	1.17	4.55	24.0	2.42	4.32	1.11	2.02	1.94	1.77	7.96	10.7	5.13	1982
1983	4.32	3.96	7.82	7.79	6.55	2.63	0.882	0.883	1.98	1.10	5.68	3.62	4.08	1983
1984	2.11	12.6	7.60	10.2	3.80	2.04	1.18	0.637	2.80	1.41	5.46	9.81	4.93	1984
1985	3.61	5.62	13.4	21.8	3.57	2.20	0.698	0.998	1.77	3.50	8.58	4.10	5.79	1985
1986	1.67	2.30	15.2	7.66	3.28	1.45	1.11	1.27	13.5	10.2	3.27	3.25	5.53	1986
1987	2.69	1.49	11.4	8.31	1.59	1.60	1.09	0.641	0.527	1.22	3.55	6.52	3.42	1987
1988	3.82	2.48	9.67	8.42	3.04	0.735	0.376	0.406	0.544	1.82	5.96	3.94	3.80	1988
1989	4.09	2.63	12.7	7.98	4.68	3.36	0.495	0.351	0.542	1.30	4.14	2.26	3.71	1989
1990	7.21	5.99	15.7	6.57	4.24	2.18	1.04	0.825	0.718	3.98	8.77	8.34	5.47	1990
MEAN	3.31	4.69	10.8	11.9	3.75	2.03	1.07	1.14	2.67	3.73	5.63	5.57	4.68	MEAN

LOCATION - LAT 44 11 08 N LONG 080 47 13 W
DRAINAGE AREA, 329 km²
NATURAL FLOW

SAUGEEN RIVER ABOVE DURHAM - STATION NO. 02FC016

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1976	4.22 AT 09:22 EST ON DEC 31	---	---	---	1976
1977	126 AT 00:04 EST ON MAR 15 *	104 ON MAR 15	0.320 ON JUL 28	155 000	1977
1978	80.1 AT 10:02 EST ON APR 13	77.0 ON APR 13	0.396 ON JUL 20	122 000	1978
1979	91.6 AT 00:55 EST ON APR 15	81.6 ON APR 15	0.399 ON JUL 23	172 000	1979
1980	70.6 AT 00:45 EST ON MAR 21	32.3 ON MAR 21	0.692 ON JUL 14	147 000	1980
1981	97.7 AT 08:25 EST ON FEB 22	92.6 ON FEB 22	0.390 ON AUG 26	143 000	1981
1982	87.1 AT 02:26 EST ON APR 18	84.1 ON APR 18	0.601 ON AUG 18	168 000	1982
1983	22.1 AT 02:05 EST ON MAR 08	21.1 ON MAR 08	0.406 ON SEP 12	129 000	1983
1984	81.2 AT 11:48 EST ON DEC 30	73.5 ON DEC 30	0.382E ON AUG 17	156 000	1984
1985	51.0 AT 19:35 EST ON APR 06	46.5 ON MAR 30	0.377 ON AUG 14	183 000	1985
1986	62.4 AT 06:52 EST ON SEP 13	53.9 ON MAR 27	0.505 ON JUL 10	174 000	1986
1987	41.7 AT 11:01 EST ON MAR 26	39.6 ON MAR 26	0.360 ON SEP 10	108 000	1987
1988	42.1 AT 03:01 EST ON MAR 27	40.0 ON MAR 27	0.284 ON AUG 22	120 000	1988
1989	---	115 B ON MAR 29 *	0.205 ON AUG 01 *	117 000	1989
1990	108 AT 22:13 EST ON MAR 13	86.9 ON MAR 14	0.469 ON SEP 13	172 000	1990
				148 000	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

SAUGEEN RIVER NEAR DURHAM - STATION NO. 02FC014

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1972	3.71	2.94	3.03	24.6	6.82	3.02	2.45	1.40	1.10	3.23	4.04	4.94	5.09	1972
1973	10.5	4.99	18.8	9.39	6.13	3.65	1.50	1.18	0.691	1.28	5.80	5.06	5.77	1973
1974	5.20	4.34	14.3	17.1	10.7	2.55	2.39	1.31	1.09	2.06	5.19	2.73	5.75	1974
1975	4.82	3.46	8.30	25.7	7.33	2.17	1.69	1.50	2.40	1.75	2.97	7.72	5.81	1975
1976	2.89	5.94	28.0	11.5	5.91	2.24	3.39	1.62	2.12	2.84	5.02	2.83	6.21	1976
1977	2.05	1.97	21.2	9.78	---	---	---	---	---	---	---	---	---	1977
MEAN	4.86	3.94	15.6	16.3	7.38	2.73	2.28	1.40	1.48	2.23	4.60	4.66	5.73	MEAN

LOCATION - LAT 44 11 30 N LONG 080 51 26 W
DRAINAGE AREA, 381 km²
REGULATED

SAUGEEN RIVER NEAR DURHAM - STATION NO. 02FC014

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1972	106 AT 15:09 EST ON APR 19 *	100 ON APR 19 *	0.898 ON SEP 23	161 000	1972
1973	54.9 AT 06:54 EST ON MAR 11	51.8 ON MAR 13	0.578 ON SEP 14	182 000	1973
1974	80.1 AT 12:03 EST ON APR 05	75.0 ON APR 05	0.456 ON SEP 11 *	181 000	1974
1975	101 AT 05:33 EST ON APR 21	89.2 ON APR 21	0.875 ON AUG 20	183 000	1975
1976	75.6 AT 13:16 EST ON MAR 26	72.2 ON MAR 26	0.878 ON JUL 21	196 000	1976
1977	101 AT 05:12 EST ON MAR 15	90.6 ON MAR 15	---	---	1977
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		181 000	MEAN

SAUGEEN RIVER NEAR PORT ELGIN - STATION NO. 02FC001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1914	---	---	---	---	37.4	19.3	14.4	13.4	11.3	14.3	33.0	27.8	---	1914
1915	33.5	81.9	75.8	73.3	23.0	17.2	14.6	20.7	32.0	37.1	39.7	53.9	41.6	1915
1916	144	138	119	218	76.9	56.1	19.4	12.6	11.5	16.8	25.7	53.9	74.0	1916
1917	13.8	16.3	142	151	65.3	54.1	117	26.4	16.0	26.1	25.2	29.3	58.7	1917
1918	33.9	33.6	175	125	45.1	24.5	14.6	11.2	21.9	21.7	48.8	80.4	52.8	1918
1919	96.5	40.5	173	85.3	70.9	20.8	13.0	10.1	10.9	21.7	47.8	45.3	53.3	1919
1920	20.5	17.6	241	110	40.0	23.5	27.8	17.2	13.3	23.9	60.1	86.5	57.0	1920
1921	94.1	39.8	202	82.4	46.6	37.0	21.1	16.0	12.5	21.1	25.8	49.6	54.3	1921
1922	36.2	34.3	185	158	34.9	25.7	56.5	15.3	14.1	13.6	16.4	19.5	48.3	1922
1923	16.3	12.5	102	204	110	33.4	15.5	11.6	13.8	11.5	16.7	38.3	40.9	1923
1924	46.8	33.9	110	162	120	32.0	21.8	18.7	14.2	14.6	11.9	33.0	51.6	1924
1925	19.1	77.6	149	75.2	26.2	19.0	15.6	11.3	13.9	28.1	104	53.8	49.1	1925
1926	57.5	43.6	72.6	267	87.5	39.5	18.0	21.8	20.5	42.3	121	45.7	69.4	1926
1927	32.8	29.4	162	57.3	59.8	35.0	21.2	12.3	11.7	14.7	27.1	61.5	44.0	1927
1928	44.3	46.4	149	202	42.7	25.0	64.5	57.3	22.2	71.9	123	111	79.9	1928
1929	119	52.6	213	250	131	35.9	29.6	17.1	14.5	16.1	26.5	25.2	77.7	1929
1930	88.9	123	107	137	60.5	36.1	25.9	11.4	10.2	12.6	13.9	33.1	54.4	1930
1931	14.4	20.4	43.9	115	40.1	19.0	15.2	13.2	11.5	20.2	57.6	84.4	37.9	1931
1932	118	115	88.9	140	51.5	22.3	30.3	27.4	50.0	43.3	82.0	110	73.0	1932
1933	74.8	46.2	56.1	151	74.6	56.3	14.0	11.7	10.7	14.3	27.7	57.8	47.2	1933
1934	72.8	37.1	81.6	173	33.9	17.3	12.4	10.0	14.3	12.9	32.4	21.9	43.2	1934
1935	46.2	25.2	155	36.8	25.3	34.7	16.7	10.2	10.2	12.3	30.0	28.0	36.1	1935
1936	20.1	18.3	132	112	49.5	24.5	11.2	10.2	16.9	22.4	28.4	71.9	43.2	1936
1937	101	101	35.8	141	48.1	18.7	13.6	15.2	13.6	25.7	33.5	27.5	47.4	1937
1938	31.7	144	167	70.5	42.7	26.6	13.2	15.4	16.0	13.8	14.8	16.4	47.1	1938
1939	36.8	30.9	81.5	180	46.2	21.9	21.8	18.1	13.5	19.1	37.5	22.5	44.0	1939
1940	18.7	18.0	18.5	222	85.2	58.1	26.0	16.0	23.6	31.6	67.5	93.4	56.4	1940
1941	66.5	38.5	29.2	197	29.6	18.6	12.3	10.5	14.2	65.6	86.4	62.0	52.3	1941
1942	43.6	30.0	220	112	75.2	70.4	18.9	14.1	24.0	36.7	82.9	53.9	65.4	1942
1943	67.7	94.9	191	186	140	46.5	36.4	28.1	20.9	20.5	66.6	56.2	79.6	1943
1944	62.0	55.2	104	142	67.4	28.6	14.8	11.7	13.5	13.2	23.4	22.3	46.4	1944
1945	18.7	22.9	183	80.6	110	65.2	67.6	18.6	24.5	90.9	51.0	31.6	64.2	1945
1946	107	63.7	209	42.8	30.8	24.6	15.1	13.3	12.7	14.1	19.0	25.7	48.2	1946
1947	49.6	57.8	85.0	375	149	80.6	49.9	25.0	18.2	15.4	18.3	38.5	80.1	1947
1948	19.5	27.8	238	102	53.5	20.6	17.8	13.6	9.40	13.6	26.5	20.2	47.0	1948
1949	87.2	65.1	147	79.8	26.3	14.6	14.7	9.28	11.1	20.5	17.2	133	52.3	1949
1950	126	42.9	132	224	42.3	30.1	23.2	15.7	15.0	17.5	44.3	103	68.1	1950
1951	110	92.1	165	236	61.0	31.6	26.6	17.5	25.8	66.5	91.7	63.4	82.1	1951
1952	106	66.5	106	188	48.8	22.1	16.0	17.5	15.1	11.9	20.9	53.2	55.9	1952
1953	44.8	57.8	137	73.2	79.0	77.7	68.9	19.3	23.1	16.5	17.4	30.3	53.7	1953
1954	25.1	111	180	166	41.6	28.9	13.1	14.0	31.2	191	68.8	46.5	76.1	1954
1955	49.2	41.3	151	178	38.4	27.0	11.4	9.07	7.88	13.0	34.4	31.9	49.3	1955
1956	21.2	19.4	75.4	217	100	30.7	22.0	17.2	26.1	19.1	22.0	75.0	53.7	1956
1957	41.6	56.7	108	82.6	39.9	27.3	51.3	11.6	28.0	40.1	70.4	95.0	54.3	1957
1958	43.6	30.4	73.4	87.2	21.5	14.2	10.8	9.32	11.4	11.3	21.0	21.7	29.6	1958
1959	24.7	27.8	79.8	263	83.8	28.2	16.8	18.7	18.2	29.1	86.3	74.4	62.5	1959
1960	63.2	68.5	57.7	268	126	54.6	23.7	15.6	14.0	15.8	24.7	16.3	62.0	1960
1961	12.1	40.1	124	84.0	54.6	38.5	28.0	22.5	19.4	17.1	34.1	50.9	43.8	1961
1962	21.8	17.4	105	113	34.7	16.2	12.4	10.6	11.4	19.7	30.6	30.8	35.3	1962
1963	21.2	15.7	124	123	87.9	26.2	17.8	14.4	11.3	17.9	25.5	18.9	41.6	1963
1964	50.2	38.0	98.8	73.1	30.7	15.7	12.4	24.7	10.6	12.9	19.3	53.4	36.7	1964
1965	38.8	80.9	66.5	226	74.7	21.5	15.3	16.6	16.8	38.9	66.4	122	65.1	1965
1966	61.9	75.0	144	80.3	46.3	29.4	11.0	12.5	12.0	14.6	35.9	86.1	50.7	1966
1967	68.8	49.3	90.5	187	41.5	84.1	55.4	29.5	26.5	64.1	141	117	79.5	1967
1968	55.1	134	142	92.5	49.8	27.7	18.6	26.3	22.5	26.4	51.0	92.1	61.2	1968
1969	61.3	68.6	93.8	227	117	46.0	28.9	17.5	12.6	21.3	52.7	34.6	64.8	1969
1970	26.8	35.8	46.5	223	49.2	21.8	31.0	16.6	30.1	41.7	45.2	58.9	52.0	1970
1971	36.1	45.9	105	232	50.2	29.3	23.6	16.5	15.5	14.0	20.2	48.5	52.8	1971
1972	38.5	30.2	44.8	249	64.2	36.3	36.8	20.5	14.7	27.3	39.6	68.3	55.6	1972
1973	130	54.5	166	89.3	58.7	37.7	17.7	14.6	9.68	13.4	37.2	43.6	56.2	1973
1974	77.5	44.1	138	144	98.8	32.9	19.4	16.1	12.9	20.9	50.1	33.8	57.5	1974
1975	64.3	55.2	113	203	85.2	27.3	17.4	22.4	34.8	24.2	31.3	77.6	61.2	1975
1976	32.9	96.0	293	104	63.8	27.0	38.6	18.0	24.2	30.4	56.8	36.2	68.4	1976
1977	27.0	30.9	266	104	27.6	18.2	16.9	39.6	54.4	86.7	83.0	73.3	69.4	1977
1978	38.2	28.9	50.2	195	60.1	32.6	15.5	15.4	36.5	35.4	33.3	39.1	48.2	1978
1979	43.5	26.8	197	210	72.6	26.5	17.1	18.8	13.9	38.8	66.9	102	69.7	1979
1980	44.0	27.7	123	170	48.8	32.4	41.9	26.5	29.2	51.2	49.2	76.5	60.1	1980
1981	32.5	191	106	81.0	59.8	30.1	18.0	17.8	41.7	49.6	51.4	54.0	60.1	1981
1982	34.9	24.5	99.7	237	42.5	70.0	22.9	26.3	22.5	22.0	75.3	128	67.1	1982
1983	65.2	76.2	75.7	82.3	80.0	35.7	15.2	16.1	25.8	33.1	44.2	55.2	50.2	1983
1984	34.6	186	105	96.4	50.9	34.3	20.1	12.5	23.5	19.4	57.5	77.4	59.2	1984
1985	50.1	91.0	227	246	52.8	32.0	17.3	16.3	25.9	31.4	76.1	46.3	75.7	1985
1986	49.8	34.6	190	104	53.6	33.1	24.3	22.7	162	131	51.3	59.2	76.5	1986
1987	37.0	27.5	118	86.5	28.4	24.0	19.3	15.6	14.1	33.1	64.6	88.1	46.3	1987
1988	53.5	82.2	119	89.4	40.2	17.7	10.9	12.2	13.7	36.0	75.2	53.6	50.1	1988
1989	49.2	29.6	117	94.2	43.9	41.0	14.9	11.2	11.8	16.1	42.3	24.8	41.3	1989
1990	84.7	71.3	168	80.1	52.3	25.7	17.8	15.6	14.5	53.2	105	101	65.9	1990
MEAN	53.3	56.0	129	149	60.3	32.6	23.9	17.2	20.6	30.9	47.8	57.0	56.5	MEAN

LOCATION - LAT 44 27 23 N LONG 081 19 36 W

DRAINAGE AREA, 3 960 km²
NATURAL FLOW

SAUGEEN RIVER NEAR PORT ELGIN - STATION NO. 02FC001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1914	---	---	---	---	1914
1915	---	174 ON FEB 24	11.0 ON AUG 02	1 310 000	1915
1916	---	547 ON APR 02	10.1 ON SEP 19	2 340 000	1916
1917	---	589 ON MAR 27	10.6 ON SEP 27	1 850 000	1917
1918	---	501 ON MAR 23	5.72 ON JUL 28 *	1 670 000	1918
1919	---	530 ON MAR 17	5.72 ON AUG 14	1 680 000	1919
1920	---	547 ON MAR 26	12.1 ON SEP 20	1 800 000	1920
1921	---	459 ON MAR 21	10.5 ON SEP 13	1 710 000	1921
1922	---	425 ON MAR 14	9.20 ON SEP 05	1 520 000	1922
1923	---	725 ON APR 08	9.29 ON AUG 20	1 540 000	1923
1924	---	442 ON APR 07	10.6 ON OCT 26	1 630 000	1924
1925	---	269 ON MAR 11	7.93 ON AUG 31	1 550 000	1925
1926	---	538 ON APR 25	14.9 ON JUL 31	2 190 000	1926
1927	---	447 ON MAR 16	10.9 ON AUG 16	1 390 000	1927
1928	---	575 ON APR 06	15.9 ON SEP 09	2 530 000	1928
1929	---	895 ON APR 07	11.0 ON SEP 16	2 450 000	1929
1930	---	231 ON APR 07	8.78 ON SEP 22	1 720 000	1930
1931	---	172 ON APR 12	8.35 ON SEP 14	1 200 000	1931
1932	---	297 ON APR 01	16.1 ON JUN 25	2 310 000	1932
1933	---	337 ON APR 02	8.18 ON SEP 05	1 490 000	1933
1934	---	391 ON APR 05	8.78 ON AUG 21	1 360 000	1934
1935	---	462 ON MAR 17	8.78 ON AUG 19	1 140 000	1935
1936	---	388 ON MAR 25	8.78 ON AUG 12	1 370 000	1936
1937	---	518 ON APR 06	9.63 ON AUG 03	1 490 000	1937
1938	---	501 ON MAR 25	9.91 ON AUG 01	1 480 000	1938
1939	---	362 ON APR 20	9.12 ON OCT 09	1 390 000	1939
1940	---	470 ON APR 09	13.1 ON AUG 17	1 780 000	1940
1941	---	507 ON APR 07	7.84 ON AUG 18	1 650 000	1941
1942	---	818 ON MAR 17	12.0 ON AUG 22	2 060 000	1942
1943	---	586 ON APR 02	14.2 ON OCT 09	2 510 000	1943
1944	---	309 ON MAR 26	9.12 ON AUG 29	1 470 000	1944
1945	---	484 ON MAR 18	15.4 ON AUG 28	2 020 000	1945
1946	---	490 ON MAR 09	10.5 ON OCT 11	1 520 000	1946
1947	---	844 ON APR 12	13.1 ON OCT 08	2 530 000	1947
1948	---	818 ON MAR 22	9.12 ON SEP 01	1 490 000	1948
1949	---	476 ON MAR 29	8.27 ON AUG 14	1 650 000	1949
1950	---	694 ON APR 05	11.0 ON AUG 28	2 150 000	1950
1951	---	459 ON MAR 31	13.2 ON AUG 14	2 590 000	1951
1952	---	371 ON APR 02	10.6 ON SEP 14	1 770 000	1952
1953	---	264 ON MAR 16	11.6 ON AUG 31	1 700 000	1953
1954	---	733E ON OCT 16	10.2 ON JUL 27	2 400 000	1954
1955	---	337 ON MAR 12	7.08 ON SEP 16	1 550 000	1955
1956	697 AT 17:00 EST ON APR 04	668 ON APR 04	10.8 ON AUG 23	1 700 000	1956
1957	377 AT 10:00 EST ON DEC 21	351 ON DEC 21	10.0 ON SEP 02	1 710 000	1957
1958	225 AT 00:01 EST ON MAR 31	210 ON MAR 31	7.48 ON AUG 05	934 000	1958
1959	580 AT 01:30 EST ON APR 06	527 ON APR 06	11.8 ON AUG 09	1 970 000	1959
1960	722 AT 21:00 EST ON APR 03	680 ON APR 03	11.7 ON SEP 12	1 960 000	1960
1961	328 AT 01:30 EST ON MAR 07	257 ON MAR 07	7.48B ON FEB 03	1 380 000	1961
1962	569 AT 02:30 EST ON MAR 30	467 ON MAR 30	8.89 ON SEP 04	1 120 000	1962
1963	803 AT 07:00 EST ON MAR 30	818 ON MAR 30	9.74 ON SEP 26	1 310 000	1963
1964	317B AT 23:50 EST ON MAR 05	251B ON MAR 05	7.19 ON JUL 31	1 160 000	1964
1965	753 AT 14:00 EST ON APR 12	680 ON APR 12	10.5 ON AUG 02	2 050 000	1965
1966	402B AT 11:30 EST ON FEB 11	371 ON DEC 08	8.21 ON JUL 25	1 600 000	1966
1967	665 AT 05:30 EST ON APR 01	629 ON APR 01	15.0 ON SEP 18	2 510 000	1967
1968	784 AT 01:00 EST ON FEB 03	561 ON FEB 03	13.6 ON JUL 25	1 940 000	1968
1969	532 AT 14:00 EST ON APR 05	484 ON APR 05	11.6 ON SEP 05	2 040 000	1969
1970	586 AT 04:00 EST ON APR 15	532 ON APR 15	11.9 ON AUG 16	1 640 000	1970
1971	507 AT 10:00 EST ON APR 13	490 ON APR 13	11.8 ON OCT 04	1 670 000	1971
1972	680 AT 23:26 EST ON DEC 31	595 ON APR 15	14.7 ON SEP 24	1 760 000	1972
1973	682 AT 00:42 EST ON JAN 01	479 ON JAN 01	7.99 ON SEP 16	1 770 000	1973
1974	450 AT 21:24 EST ON MAR 05	425 ON MAR 06	10.7 ON SEP 09	1 810 000	1974
1975	694 AT 04:29 EST ON APR 21	671 ON APR 21	10.6 ON AUG 10	1 930 000	1975
1976	895 AT 08:55 EST ON MAR 21	750 ON MAR 21	12.3 ON AUG 27	2 160 000	1976
1977	1 100 AT 00:16 EST ON MAR 14 *	1 030 ON MAR 14 *	8.86 ON JUL 29	2 190 000	1977
1978	371 AT 08:09 EST ON APR 13	362 ON APR 13	11.4 ON SEP 10	1 520 000	1978
1979	572 AT 02:01 EST ON APR 16	548 ON APR 16	9.53 ON SEP 30	2 200 000	1979
1980	412 AT 00:03 EST ON MAR 23	372 ON MAR 22	14.9 ON SEP 13	1 900 000	1980
1981	912 AT 22:00 EST ON FEB 23	742 ON FEB 23	10.5 ON JUL 26	1 900 000	1981
1982	750 AT 23:16 EST ON MAY 31	623 ON APR 01	14.0 ON AUG 19	2 120 000	1982
1983	228 AT 19:56 EST ON MAY 02	177 ON MAY 03	9.05 ON SEP 15	1 580 000	1983
1984	533 AT 22:30 EST ON FEB 15	513 ON FEB 15	10.0 ON AUG 17	1 870 000	1984
1985	645 AT 08:49 EST ON APR 06	611 ON APR 06	10.9 ON AUG 14	2 390 000	1985
1986	563A ON SEP 13	537A ON SEP 13	14.9 ON JUL 12	2 410 000	1986
1987	279 AT 02:38 EST ON MAR 27	272 ON MAR 27	9.56 ON AUG 30	1 460 000	1987
1988	398 AT 02:19 EST ON MAR 27	368E ON MAR 27	8.73 ON JUL 24	1 580 000	1988
1989	537 AT 12:42 EST ON MAR 29	529 ON MAR 29	9.34 ON AUG 27	1 300 000	1989
1990	---	589E ON MAR 13	11.0 ON AUG 27	2 080 000	1990
				1 780 000	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX)
B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

SAUGEEN RIVER NEAR WALKERTON - STATION NO. 02FC002

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1914	---	---	---	---	17.8	8.68	7.59	7.99	6.24	8.26	16.8	18.5	---	1914
1915	16.0	30.2	35.4	42.0	14.7	9.20	7.96	12.0	18.6	21.7	22.6	23.2	21.0	1915
1916	69.3	37.2	35.9	126	46.2	35.0	12.4	7.85	6.92	9.31	12.2	24.5	35.1	1916
1917	16.4	13.2	76.4	83.0	32.7	27.8	57.9	11.8	7.69	13.3	10.7	8.27	30.0	1917
1918	7.90	21.0	95.7	67.2	24.0	12.9	6.78	4.85	11.8	12.7	25.8	46.6	28.1	1918
1919	28.6	17.7	90.0	53.4	44.3	13.9	9.46	8.13	7.20	10.3	24.2	25.1	27.8	1919
1920	14.7	14.7	115	53.5	23.0	12.9	19.4	9.47	7.10	12.8	32.6	44.0	30.9	1920
1921	40.7	16.0	109	50.6	28.1	19.7	13.2	9.14	7.14	11.3	12.1	23.2	28.5	1921
1922	14.0	14.7	69.9	92.0	20.3	13.7	12.4	8.59	8.42	7.64	8.85	9.71	23.3	1922
1923	8.98	8.21	42.7	103	70.5	21.5	11.1	9.28	10.2	7.49	10.5	25.9	27.5	1923
1924	23.7	15.9	40.2	89.2	63.0	19.0	14.6	13.5	12.0	9.32	8.12	19.9	27.4	1924
1925	10.2	30.1	72.8	41.2	14.7	12.1	10.0	8.28	8.86	18.4	60.2	26.6	26.0	1925
1926	21.7	17.6	27.0	129	51.6	21.3	11.1	15.2	13.9	25.2	59.6	27.5	38.0	1926
1927	19.1	17.1	87.2	34.5	36.4	21.3	14.0	9.06	8.26	9.93	15.8	29.1	25.3	1927
1928	29.5	19.8	67.4	111	25.4	14.4	31.6	30.1	13.9	40.3	60.7	58.3	41.9	1928
1929	64.3	27.3	129	137	66.4	19.3	16.6	7.84	5.78	6.66	14.8	13.6	42.5	1929
1930	46.4	66.8	55.8	85.6	40.7	23.7	12.8	4.82	3.72	5.28	5.22	8.64	29.6	1930
1931	7.28	8.83	14.6	70.2	23.5	10.4	7.89	6.96	6.24	9.37	30.1	47.3	20.2	1931
1932	64.6	68.0	47.0	83.5	29.4	12.0	19.0	18.1	24.8	20.6	45.2	53.2	40.2	1932
1933	38.2	26.1	30.9	93.5	42.8	15.5	8.09	6.44	5.83	7.86	13.2	28.9	26.4	1933
1934	34.0	19.4	45.9	106	21.1	9.31	5.49	4.11	5.01	4.56	10.7	8.41	22.7	1934
1935	20.5	13.0	73.6	21.5	15.3	22.5	8.26	4.62	4.38	4.82	17.0	12.4	18.2	1935
1936	8.50	8.47	63.1	62.9	32.3	12.7	6.21	5.32	9.45	12.9	17.7	39.9	23.4	1936
1937	56.9	54.9	20.3	70.4	30.4	10.8	8.28	9.27	8.00	12.3	14.6	11.6	25.4	1937
1938	11.7	67.4	96.4	41.3	24.2	15.4	6.44	6.32	7.33	5.43	5.61	5.84	24.3	1938
1939	19.3	14.2	39.3	108	26.3	12.6	12.8	9.70	5.70	10.7	19.4	10.7	24.0	1939
1940	9.20	8.61	8.75	119	52.6	35.4	12.7	9.38	13.1	18.3	34.5	44.5	30.4	1940
1941	34.3	20.7	15.3	99.1	16.8	9.94	5.77	6.42	7.54	29.6	43.2	34.8	26.8	1941
1942	22.7	14.6	102	67.4	44.1	40.2	10.5	7.62	15.9	21.8	44.0	26.0	34.8	1942
1943	32.3	48.7	98.7	118	89.3	30.8	18.4	15.7	11.8	9.96	26.5	16.1	42.9	1943
1944	22.7	25.6	35.7	92.0	38.6	18.1	8.96	5.96	7.15	5.61	12.1	10.1	23.4	1944
1945	10.1	11.8	94.0	50.9	58.5	40.5	38.2	10.7	16.4	54.3	32.2	18.6	36.6	1945
1946	53.0	35.1	112	27.6	19.1	11.9	7.23	6.38	5.91	6.82	8.67	10.8	25.5	1946
1947	23.4	31.7	37.1	208	88.9	48.7	23.6	12.5	10.0	10.1	11.3	19.2	43.5	1947
1948	10.6	16.0	140	59.9	29.2	11.8	10.2	7.19	5.48	8.13	18.5	41.9	27.5	1948
1949	44.5	34.8	87.5	58.7	18.8	10.2	8.95	5.70	7.42	9.76	9.08	75.7	31.0	1949
1950	71.6	27.4	58.4	132	27.1	19.5	15.4	8.82	7.83	9.11	24.1	52.6	37.8	1950
1951	59.8	33.7	75.3	144	38.7	20.5	19.7	10.2	17.4	35.0	53.2	36.0	45.2	1951
1952	63.7	31.7	51.5	116	32.8	13.7	9.30	9.62	7.91	6.42	13.0	29.5	32.0	1952
1953	25.3	26.1	83.5	46.1	44.2	40.4	11.1	12.0	11.3	10.2	18.4	31.0	1953	
1954	14.0	61.8	98.1	112	28.6	19.4	8.53	9.30	17.8	101	36.9	26.6	44.4	1954
1955	33.4	24.9	73.5	108	26.4	18.1	7.20	5.37	4.30	7.96	18.3	17.0	28.6	1955
1956	11.8	10.5	32.9	126	55.1	18.0	13.5	9.85	15.4	11.7	11.8	31.7	28.9	1956
1957	21.9	26.9	49.4	44.3	24.4	21.2	31.5	9.67	16.4	18.6	33.1	40.9	28.6	1957
1958	21.2	15.6	30.5	49.9	11.9	7.67	5.62	5.53	6.72	6.68	11.2	11.6	15.3	1958
1959	13.3	13.7	34.9	133	50.3	17.0	11.0	12.9	12.1	19.8	48.9	34.9	33.5	1959
1960	34.2	27.3	23.5	148	74.9	36.4	13.4	8.99	7.48	8.60	13.0	8.21	33.5	1960
1961	6.15	16.7	46.0	45.3	30.4	23.1	16.4	11.4	9.93	8.61	16.1	24.9	21.3	1961
1962	15.1	14.9	41.6	66.1	19.3	9.96	6.94	5.94	6.91	11.1	18.8	15.5	19.3	1962
1963	9.83	8.35	63.5	60.8	46.3	14.8	10.6	8.71	7.29	6.74	13.6	9.42	21.7	1963
1964	23.0	16.5	44.6	42.7	18.0	9.29	7.78	13.1	6.49	6.45	8.87	21.1	18.2	1964
1965	17.3	39.5	30.2	111	44.3	12.2	9.04	9.95	11.0	24.7	41.6	61.3	34.2	1965
1966	32.6	35.3	70.5	47.8	29.5	20.8	7.39	8.08	7.30	9.06	23.2	43.3	27.8	1966
1967	36.3	24.2	39.6	97.5	24.4	51.8	33.4	18.6	16.6	33.2	63.2	61.5	41.6	1967
1968	26.0	56.2	70.7	52.1	29.7	16.8	10.7	15.0	15.2	16.7	33.7	46.6	32.3	1968
1969	35.3	39.3	47.6	119	87.0	25.4	16.5	10.4	7.79	13.0	23.6	16.3	35.0	1969
1970	11.2	16.5	19.9	110	30.2	13.1	20.5	8.96	16.1	23.2	26.4	29.5	27.0	1970
1971	15.2	19.4	41.0	123	29.4	18.8	13.6	9.70	9.47	8.68	11.5	26.0	27.0	1971
1972	22.0	17.3	21.4	125	37.0	21.7	17.5	10.5	8.32	16.2	21.0	30.5	29.0	1972
1973	39.4	30.5	95.4	50.9	35.1	24.1	11.5	9.07	9.52	8.54	22.1	23.2	31.4	1973
1974	31.1	24.2	75.3	83.9	61.8	19.0	12.7	9.58	7.99	11.4	23.7	16.1	31.4	1974
1975	30.2	26.1	51.0	125	39.6	16.5	11.3	12.2	19.1	12.8	15.8	39.0	33.1	1975
1976	15.6	40.5	150	61.0	35.6	16.9	23.6	11.2	16.2	19.8	29.5	19.0	36.6	1976
1977	13.6	15.3	118	52.7	15.3	11.0	10.7	27.4	32.2	47.2	42.6	25.2	35.3	1977
1978	20.3	17.3	25.9	105	37.7	19.9	9.58	10.2	20.5	20.4	19.4	20.0	27.1	1978
1979	22.3	13.8	103	117	41.4	16.5	10.7	12.9	10.4	23.3	38.7	50.5	38.4	1979
1980	22.3	11.2	58.7	87.1	25.4	17.7	26.5	16.7	19.2	30.4	26.8	38.1	31.7	1980
1981	14.1	30.2	46.3	41.9	59.6	18.3	10.9	12.4	23.0	32.4	30.3	24.8	30.7	1981
1982	18.3	12.2	42.3	136	44.4	35.6	13.7	19.7	14.0	13.4	44.0	67.1	36.7	1982
1983	35.5	34.1	48.0	49.4	48.7	21.7	11.4	12.0	10.8	23.3	31.7	30.2	30.6	1983
1984	17.9	30.3	56.5	60.6	29.0	21.8	13.7	9.35	16.1	12.4	32.0	46.8	33.6	1984
1985	24.7	44.8	107	140	34.8	20.0	11.0	10.9	15.7	20.7	50.1	28.6	42.2	1985
1986	27.2	20.0	97.4	58.0	33.2	22.0	17.2	17.2	94.5	76.7	32.3	32.5	44.1	1986
1987	22.9	16.4	67.6	56.5	17.1	14.2	13.2	10.7	9.76	14.0	29.3	44.7	26.4	1987
1988	29.4	44.4	62.0	55.3	25.3	10.2	6.56	7.34	7.84	17.0	39.6	23.5	27.3	1988
1989	30.7	16.9	71.7	56.5	31.0	25.8	8.89	7.44	8.28	11.9	29.8	13.9	26.1	1989
1990	37.9	39.8	94.3	47.4	32.5	17.5	11.2	9.59	8.97	34.9	61.8	57.8	37.8	1990
MEAN	27.0	27.5	63.5	84.3	35.6	19.6	14.0	10.3	12.1	17.4	25.8	29.0	30.5	MEAN

LOCATION - LAT 44 07 13 N LONG 081 06 55 W

DRAINAGE AREA, 2 150 km²
NATURAL FLOW

SAUGEEN RIVER NEAR WALKERTON - STATION NO. 02FC002

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1914	---	---	---	---	1914
1915	---	106 ON APR 12	6.94 ON JUN 28	663 000	1915
1916	---	215 ON APR 03	4.50 ON SEP 17	1 110 000	1916
1917	---	371 ON MAR 26	3.99 ON DEC 07	948 000	1917
1918	---	247 ON APR 02	2.29 ON JUL 24 *	887 000	1918
1919	---	261 ON MAR 18	2.63 ON AUG 14	877 000	1919
1920	---	292 ON MAR 26	4.62 ON SEP 06	977 000	1920
1921	---	297 ON MAR 21	5.52 ON AUG 20	899 000	1921
1922	---	220 ON APR 12	3.48 ON AUG 20	736 000	1922
1923	---	261 ON MAY 16	5.58 ON SEP 03	868 000	1923
1924	---	289 ON APR 07	5.41 ON OCT 28	866 000	1924
1925	---	190 ON MAR 28	4.64 ON AUG 28	821 000	1925
1926	---	334 ON APR 24	8.64 ON AUG 21	1 100 000	1926
1927	---	277 ON MAR 18	4.81 ON SEP 26	797 000	1927
1928	---	385 ON APR 06	8.07 ON SEP 08	1 330 000	1928
1929	---	515 ON APR 06	2.32 ON SEP 30	1 340 000	1929
1930	---	163 ON APR 13	2.52 ON SEP 27	935 000	1930
1931	---	132 ON APR 11	3.60 ON SEP 13	637 000	1931
1932	---	183 ON APR 12	6.65 ON SEP 03	1 270 000	1932
1933	---	215 ON APR 02	4.08 ON SEP 03	832 000	1933
1934	---	220 ON APR 06	3.14 ON AUG 19	717 000	1934
1935	---	228 ON MAR 18	3.14 ON AUG 30	574 000	1935
1936	---	170 ON MAR 27	4.02 ON AUG 15	738 000	1936
1937	---	180 ON APR 06	5.55 ON AUG 01	801 000	1937
1938	---	371 ON MAR 24	3.88 ON SEP 12	768 000	1938
1939	---	249 ON APR 19	3.43 ON OCT 07	756 000	1939
1940	---	262 ON APR 11	5.55 ON AUG 12	960 000	1940
1941	---	248 ON APR 08	3.20 ON AUG 11	846 000	1941
1942	---	345 ON MAR 18	5.80 ON AUG 17	1 100 000	1942
1943	---	532 ON APR 02	6.85 ON OCT 11	1 350 000	1943
1944	---	234 ON APR 11	4.30 ON AUG 21	741 000	1944
1945	---	345 ON MAR 17	8.75 ON AUG 24	1 150 000	1945
1946	---	260 ON MAR 09	4.19 ON OCT 07	803 000	1946
1947	---	629 ON APR 12	6.06 ON OCT 13	1 370 000	1947
1948	---	640 ON MAR 21 *	3.37 ON SEP 07	868 000	1948
1949	---	413 ON DEC 23	4.11 ON AUG 08	977 000	1949
1950	---	578 ON APR 05	5.04 ON AUG 27	1 190 000	1950
1951	---	253 B ON JAN 04	6.65 ON AUG 13	1 430 000	1951
1952	292 AT 13:00 EST ON APR 02	276 ON APR 02	5.13 ON OCT 06	1 010 000	1952
1953	153 AT 18:00 EST ON MAR 16	148 ON MAR 16	5.21 ON SEP 03	977 000	1953
1954	---	428 ON OCT 17	4.81 ON JUL 28	1 400 000	1954
1955	---	197 ON APR 03	3.54 ON SEP 20	903 000	1955
1956	---	368 ON APR 07	6.06 ON AUG 10	915 000	1956
1957	---	180 ON DEC 22	5.21 ON AUG 24	903 000	1957
1958	---	107 ON APR 03	3.51 ON AUG 18	482 000	1958
1959	309 AT 17:00 EST ON APR 06	283 ON APR 09	6.51 ON AUG 08	1 060 000	1959
1960	428 AT 17:00 EST ON APR 04	411 ON APR 04	5.66 ON SEP 12	1 060 000	1960
1961	---	115 ON MAR 29	5.80B ON FEB 01	671 000	1961
1962	---	253 ON MAR 31	4.81 ON SEP 03	608 000	1962
1963	382 AT 22:00 EST ON MAR 30	368 ON MAR 31	4.98 ON OCT 23	686 000	1963
1964	---	126 ON APR 09	4.98 ON JUL 30	575 000	1964
1965	282 AT 24:00 EST ON APR 12	257 ON APR 13	6.82 ON AUG 25	1 080 000	1965
1966	205 AT 01:00 EST ON DEC 09	192 ON DEC 09	5.38 ON SEP 19	878 000	1966
1967	317 AT 22:00 EST ON APR 03	289 ON APR 03	9.00 ON SEP 17	1 310 000	1967
1968	263 B AT 03:30 EST ON FEB 03	213 B ON FEB 03	8.16 ON JUL 27	1 020 000	1968
1969	248 AT 11:51 EST ON APR 11	242 ON APR 11	7.08 ON SEP 05	1 100 000	1969
1970	289 AT 20:00 EST ON APR 16	272 ON APR 16	6.94 ON AUG 18	852 000	1970
1971	311 AT 02:00 EST ON APR 14	304 ON APR 14	7.31 ON AUG 22	853 000	1971
1972	419 AT 18:44 EST ON APR 19	377 ON APR 19	6.48 ON SEP 24	916 000	1972
1973	219 AT 13:05 EST ON MAR 13	210 ON MAR 13	5.55 ON SEP 16	991 000	1973
1974	343 AT 01:32 EST ON MAR 08	326 ON MAR 08	6.71 ON SEP 11	991 000	1974
1975	538 AT 10:05 EST ON APR 20 *	527 ON APR 20	7.42 ON AUG 10	1 040 000	1975
1976	399 AT 23:31 EST ON MAR 21	374 ON MAR 22	8.33 ON AUG 31	1 160 000	1976
1977	507 AT 12:00 EST ON MAR 14	490 ON MAR 14	6.34 ON JUL 28	1 110 000	1977
1978	260 AT 17:50 EST ON APR 12	246 ON APR 12	9.07 ON SEP 09	854 000	1978
1979	442 AT 05:43 EST ON APR 15	425 ON APR 15	7.55 ON SEP 30	1 210 000	1979
1980	257 AT 06:07 EST ON MAR 22	240 ON MAR 22	9.89 ON SEP 12	1 000 000	1980
1981	358 AT 08:51 EST ON FEB 24	349 ON FEB 24	7.83 ON JUL 25	969 000	1981
1982	339 AT 11:31 EST ON APR 01	328 ON APR 01	9.35 ON AUG 17	1 160 000	1982
1983	97.8 AT 17:22 EST ON MAR 08	96.5 ON MAR 08	7.73 ON SEP 13	964 000	1983
1984	290 AT 21:12 EST ON DEC 30	262 ON FEB 15	7.60 ON AUG 17	1 060 000	1984
1985	351 AT 00:06 EST ON APR 07	335 ON MAR 30	7.17 ON AUG 14	1 330 000	1985
1986	374 AT 21:07 EST ON SEP 12	352 ON SEP 12	10.0 ON JUL 12	1 390 000	1986
1987	203 AT 21:31 EST ON MAR 26	192 ON MAR 26	7.05 ON SEP 10	832 000	1987
1988	226 AT 15:14 EST ON MAR 27	210 ON MAR 27	5.81 ON JUL 21	862 000	1988
1989	409 AT 23:23 EST ON MAR 29	367 ON MAR 29	6.13 ON AUG 27	823 000	1989
1990	422 AT 15:15 EST ON MAR 14	412 ON MAR 14	6.15 ON AUG 26	1 190 000	1990
	B - ICE CONDITIONS	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		964 000	MEAN

SAWMILL CREEK AT OTTAWA - STATION NO. 02LA013

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1981	---	---	---	---	---	0.593	0.242	0.373	0.397	0.478	0.496	0.166	---	1981
1982	0.178	0.104	0.421	0.941	0.228	0.181	0.115	0.137	0.181	0.130	0.285	0.433	0.278	1982
1983	0.176	0.355	0.531	0.545	0.529	0.239	0.132	---	---	---	---	---	---	1983
MEAN	0.177	0.230	0.476	0.743	0.379	0.338	0.163	0.255	0.289	0.304	0.391	0.300	0.278	MEAN

LOCATION - LAT 45 23 16 N LONG 075 40 28 W DRAINAGE AREA, 20.4 km^2 NATURAL FLOW

SAWMILL CREEK AT OTTAWA - STATION NO. 02LA013

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1981	---	---	0.091B ON DEC 30	---	1981
1982	---	3.65 ON APR 01 *	0.060 ON AUG 18 *	8 760	1982
1983	---	---	---	---	1983
				8 760	MEAN

B - ICE CONDITIONS * - EXTREME RECORDED FOR THE PERIOD OF RECORD

SCHNEIDER CREEK AT KITCHENER - STATION NO. 02GA037

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1971	---	---	---	---	0.140	0.172	0.185	0.208	0.142	0.149	0.164	0.277	---	1971
1972	0.224	0.144	0.569	---	---	---	0.190	0.165	0.215	0.320	0.274	0.363	---	1972
1973	0.412	0.299	1.07	0.382	0.391	0.194	0.187	0.198	0.185	0.224	0.396	0.217	0.346	1973
1974	0.448	0.283	0.614	0.523	0.563	0.298	0.159	0.093	0.177	0.117	0.391	0.088	0.313	1974
1975	0.297	0.586	0.600	0.544	0.211	0.377	0.148	0.531	0.179	0.133	0.242	0.288	0.343	1975
1976	0.125	0.710	1.04	0.461	0.283	0.135	0.198	0.178	0.320	0.196	0.149	0.095	0.322	1976
1977	0.070	0.159	0.959	0.507	0.150	0.229	0.227	0.381	0.592	0.476	0.336	0.426	0.377	1977
1978	0.189	0.126	0.570	0.955	0.377	0.194	0.165	0.207	0.306	0.212	0.261	0.234	0.317	1978
1979	0.249	0.195	0.924	0.739	0.377	0.331	0.130	0.221	0.262	0.354	0.484	0.532	0.401	1979
1980	0.329	0.180	0.885	0.593	0.312	0.306	0.245	0.206	0.304	0.287	0.175	0.266	0.341	1980
1981	0.129	0.910	0.243	0.416	0.290	0.265	0.214	0.241	0.383	0.428	0.245	0.206	0.326	1981
1982	0.159	0.175	1.06	0.763	0.315	0.458	0.336	0.571	0.330	0.147	0.439	0.672	0.454	1982
1983	0.209	0.446	0.243	0.448	0.647	0.221	0.264	0.271	0.281	0.216	0.302	0.304	0.320	1983
1984	0.127	0.889	0.616	0.367	0.387	0.523	0.242	0.348	0.351	0.162	0.317	0.348	0.387	1984
1985	0.198	0.745	0.975	0.582	0.232	0.312	0.345	0.407	0.321	0.302	0.811	0.258	0.454	1985
1986	0.210	0.178	0.863	0.325	0.384	0.419	0.299	0.361	0.861	0.558	0.272	0.329	0.423	1986
1987	0.147	0.121	0.617	0.500	0.199	0.255	0.739	0.515	0.275	0.263	0.395	0.487	0.378	1987
1988	0.364	0.245	0.583	0.323	0.286	0.141	0.570	0.354	0.363	0.376	0.495	0.249	0.364	1988
1989	0.426	0.142	0.568	0.310	0.278	0.393	0.129	0.144	0.153	0.205	0.458	0.119	0.278	1989
1990	0.486	0.609	0.512	0.252	0.365	0.249	0.304	0.201	0.204	0.445	0.415	0.665	0.392	1990
MEAN	0.253	0.376	0.711	0.499	0.326	0.288	0.264	0.290	0.310	0.278	0.351	0.321	0.363	MEAN

LOCATION - LAT 43 26 22 N
LONG 080 28 34 W
DRAINAGE AREA, 25.1 km^2
NATURAL FLOW

SCHNEIDER CREEK AT KITCHENER - STATION NO. 02GA037

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1971	---	---	---	---	1971
1972	12.4 AT 12:21 EST ON JUN 21	3.77 ON MAR 22	---	---	1972
1973	7.16 AT 01:03 EST ON JUL 14	2.78 ON FEB 02	0.042 ON JUL 23	10 900	1973
1974	11.1 AT 18:55 EST ON MAY 16	4.30 ON JAN 27	0.040 ON AUG 25	9 860	1974
1975	24.7 AT 04:22 EST ON AUG 24	8.67 ON AUG 24	0.020 ON JUL 26 *	10 800	1975
1976	16.7 AT 16:14 EST ON JUL 07	4.56 ON MAR 05	0.031 ON DEC 30	10 200	1976
1977	23.9 AT 18:09 EST ON AUG 16	5.30 ON MAR 13	0.031 ON JAN 01	11 900	1977
1978	8.72 AT 16:09 EST ON MAY 20	3.54 ON APR 11	0.037 ON AUG 01	9 980	1978
1979	12.1 AT 21:08 EST ON AUG 23	5.99 ON MAR 04	0.041 ON JUL 29	12 600	1979
1980	18.1 AT 11:13 EST ON MAR 21	8.09 ON MAR 21	0.060 ON DEC 27	10 800	1980
1981	17.8 AT 03:39 EST ON SEP 04	3.66 ON SEP 04	0.058 ON JAN 01	10 300	1981
1982	41.0 E AT 03:11 EST ON AUG 04	9.32 ON MAR 31 *	0.044 ON OCT 10	14 300	1982
1983	24.5 AT 03:37 EST ON JUL 29	4.22 ON MAY 02	0.030 ON JUL 24	10 100	1983
1984	24.4 AT 02:55 EST ON AUG 02	6.95 ON FEB 14	0.046 ON JUL 24	12 200	1984
1985	28.6 AT 09:42 EST ON JUL 15	7.61 ON FEB 24	0.031 ON AUG 03	14 300	1985
1986	24.5 AT 00:14 EST ON SEP 11	5.98 ON SEP 29	0.050 ON JUL 28	13 300	1986
1987	59.9 AT 13:13 EST ON AUG 02	6.08 ON AUG 02	0.061 ON JUN 21	11 900	1987
1988	90.1 AT 16:37 EST ON JUL 30 *	9.01 ON JUL 30	0.030 ON JUL 27	11 500	1988
1989	37.6 AT 01:42 EST ON JUN 22	4.72 ON NOV 15	0.036 ON DEC 22	8 760	1989
1990	31.0 AT 06:49 EST ON DEC 29	8.10 ON DEC 29	0.042 ON JUL 29	12 400	1990
				11 500	MEAN

E - ESTIMATED * - EXTREME RECORDED FOR THE PERIOD OF RECORD

SCHOMBERG RIVER NEAR SCHOMBERG - STATION NO. 02EC010

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1966	---	---	---	---	0.151	0.136	0.010	0.019	0.030	0.041	0.101	0.153	---	1966
1967	0.173	0.341	0.657	0.528	0.133	0.406	0.368	0.065	0.063	0.215	0.308	0.553	0.317	1967
1968	0.270	1.14	2.13	0.325	0.162	0.067	0.047	0.058	0.072	0.083	0.258	0.232	0.402	1968
1969	0.570	0.225	1.01	0.894	0.417	0.114	0.086	0.036	0.028	0.059	0.148	0.093	0.307	1969
1970	0.125	0.240	0.501	0.971	0.149	0.034	0.049	0.027	0.047	0.057	0.133	0.136	0.205	1970
1971	0.080	0.094	0.428	0.946	0.088	0.043	0.033	0.061	0.032	0.045	0.095	0.168	0.176	1971
1972	0.156	0.084	0.231	1.71	0.151	0.145	0.066	0.090	0.035	0.135	0.257	0.215	0.271	1972
1973	0.467	0.320	1.48	0.669	0.330	0.103	0.033	0.060	0.029	0.153	0.177	0.138	0.331	1973
1974	0.592	0.230	1.01	0.589	0.476	0.100	0.046	0.037	0.041	0.059	0.144	0.149	0.291	1974
1975	0.143	0.700	0.773	0.917	0.292	0.052	0.026	0.027	0.044	0.063	0.077	0.070	0.261	1975
1976	0.042	0.742	0.925	0.379	0.280	0.083	0.138	0.150	0.086	0.185	0.122	0.063	0.265	1976
1977	0.052	0.065	1.30	0.307	0.054	0.060	0.063	0.166	0.206	0.524	0.374	0.455	0.305	1977
1978	0.246	0.142	0.773	1.83	0.363	0.070	0.024	0.047	0.116	0.106	0.122	0.117	0.329	1978
1979	0.149	0.060	1.39	0.791	0.387	0.075	0.033	0.052	0.061	0.189	0.287	0.506	0.335	1979
1980	0.344	0.025	0.960	0.947	0.213	0.078	0.437	0.103	0.156	0.221	0.202	0.496	0.350	1980
1981	0.077	0.689	0.325	0.243	0.245	0.094	0.187	0.156	0.187	0.256	0.424	0.187	0.252	1981
1982	0.166	0.114	2.09	1.00	0.153	0.294	0.052	0.050	0.083	0.094	0.398	0.859	0.449	1982
1983	0.349	0.515	0.525	0.642	0.498	0.099	0.028	0.032	0.039	0.098	0.186	0.181	0.264	1983
1984	0.091	1.12	0.972	0.697	0.285	0.119	0.048	0.031	0.069	0.063	0.153	0.206	0.317	1984
1985	0.101	1.20	1.32	0.827	0.145	0.129	0.157	0.088	0.102	0.109	0.438	0.260	0.400	1985
1986	0.229	0.162	1.51	0.333	0.311	0.111	0.156	0.280	0.681	0.447	0.253	0.308	0.401	1986
1987	0.215	0.124	1.29	0.924	0.105	0.084	0.138	0.041	0.043	0.093	0.138	0.325	0.294	1987
1988	0.156	0.226	0.604	0.398	0.153	0.026	0.017	0.022	0.042	0.060	0.134	0.085	0.160	1988
1989	0.115	0.033	0.631	0.276	0.245	0.298	0.023	---	---	---	---	---	---	1989
1990	---	---	---	---	---	---	---	---	0.032	0.210	0.239	0.454	---	1990
MEAN	0.213	0.374	0.993	0.745	0.241	0.118	0.094	0.074	0.097	0.149	0.215	0.267	0.304	MEAN

LOCATION - LAT 44 00 43 N DRAINAGE AREA, 42.9 km²
LONG 079 41 10 W NATURAL FLOW

REMARKS - LAT. COORDINATES AND DRAINAGE AREA REVISED NOV 1982

SCHOMBERG RIVER NEAR SCHOMBERG - STATION NO. 02EC010

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1966	---	---	---	---	1966
1967	11.2 AT 01:20 EST ON DEC 22	5.47 ON DEC 22	0.017 ON JUN 06	10 000	1967
1968	13.6 B AT 14:30 EST ON FEB 02	7.08B ON FEB 02	0.008 ON JUL 26 *	12 700	1968
1969	13.3 AT 00:36 EST ON MAR 21	5.80 ON MAR 21	0.012 ON AUG 24	9 690	1969
1970	6.60 AT 19:16 EST ON APR 08	3.54 ON APR 09	0.010 ON JUN 08	6 450	1970
1971	5.80 AT 05:52 EST ON APR 02	4.87 ON APR 02	0.015 ON AUG 21	5 540	1971
1972	13.0 AT 17:12 EST ON APR 13	9.15 ON APR 13	0.014 ON AUG 22	8 560	1972
1973	8.13 AT 00:15 EST ON MAR 12	4.22 ON MAR 12	0.010 ON SEP 01	10 400	1973
1974	---	7.36B ON MAR 05	0.013 ON JUL 23	9 160	1974
1975	15.3 AT 20:18 EST ON FEB 24 *	7.90 ON FEB 24	0.015 ON JUL 17	8 250	1975
1976	---	4.25B ON MAR 20	0.020B ON JAN 08	8 370	1976
1977	10.2 AT 17:04 EST ON MAR 09	5.49 ON MAR 09	0.016 ON JUL 28	9 620	1977
1978	8.86 AT 02:24 EST ON APR 07	6.31 ON APR 07	0.014 ON JUL 27	10 400	1978
1979	9.40B AT 17:28 EST ON MAR 04	4.97 ON DEC 25	0.020 ON JUL 30	10 600	1979
1980	10.9 AT 20:51 EST ON APR 14	6.53 ON MAR 21	0.014B ON FEB 03	11 100	1980
1981	6.18 AT 18:00 EST ON FEB 23	4.46 ON FEB 23	0.029 ON JUL 27	7 960	1981
1982	13.4 AT 03:53 EST ON MAR 31	11.2 ON MAR 31 *	0.023 ON SEP 11	14 200	1982
1983	6.88 AT 10:23 EST ON FEB 03	4.97 ON FEB 03	0.014 ON JUL 30	8 330	1983
1984	---	9.00B ON FEB 14	0.018 ON AUG 10	10 000	1984
1985	---	11.0 B ON FEB 24	0.025 ON AUG 14	12 600	1985
1986	12.5 AT 15:13 EST ON MAR 19	8.90B ON MAR 19	0.020 ON JUL 14	12 600	1986
1987	12.3 AT 19:52 EST ON MAR 07	7.63 ON APR 05	0.023 ON JUL 05	9 280	1987
1988	4.51B AT 18:29 EST ON MAR 07	2.50B ON MAR 08	0.008 ON JUL 31	5 060	1988
1989	10.4 AT 19:10 EST ON MAR 25	---	---	---	1989
1990	---	---	---	---	1990
	B - ICE CONDITIONS	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		9 590	MEAN

SECOND CONCESSION DRAIN NEAR ESSEX (CONTROL) - STATION NO. 02GH014

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1989	---	0.004	0.019	0.046	0.029	0.067	0.025	0	0.001	0.001	0.004	0	---	1989
1990	0.042	0.127	0.031	0.039	0.028	0.009	0.003	0.004	0.128	0.026	0.012	0.112	0.046	1990
MEAN	0.042	0.066	0.025	0.043	0.029	0.038	0.014	0.002	0.065	0.014	0.008	0.056	0.046	MEAN

LOCATION - LAT 42 11 37 N DRAINAGE AREA, 3.19 km²
LONG 082 44 14 W NATURAL FLOW

REMARKS - STATION ACTIVATED JANUARY, 1989

SECOND CONCESSION DRAIN NEAR ESSEX (CONTROL) - STATION NO. 02GH014

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1989	2.16 AT 19:15 EST ON JUN 19	0.653 ON JUL 20	0 ON FEB 24 *	---	1989
1990	3.35 AT 03:47 EST ON SEP 07 *	1.53 ON FEB 22 *	0 ON MAY 30	1 450	1990
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		1 450	MEAN

SEGUIN RIVER NEAR PARRY SOUND - STATION NO. 02EA001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1915	---	---	---	---	---	---	---	5.71	5.13	11.8	24.3	18.4	---	1915
1916	14.6	28.5	10.7	67.1	62.3	19.2	7.70	5.01	7.71	10.6	26.9	19.5	23.2	1916
1917	8.35	1.93	4.08	84.1	21.0	15.8	14.5	4.89	3.46	---	---	---	---	1917
MEAN	11.5	15.2	7.39	75.6	41.7	17.5	11.1	5.20	5.43	11.2	25.6	19.0	23.2	MEAN

LOCATION - LAT 45 24 10 N LONG 079 54 25 W
DRAINAGE AREA, 984 km² REGULATED
DATA CONTRIBUTED BY - ONTARIO HYDRO

SEGUIN RIVER NEAR PARRY SOUND - STATION NO. 02EA001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1915	---	---	---	---	1915
1916	---	132 ON MAY 03 *	3.82 ON JAN 14 *	734 000	1916
1917	---	103 ON APR 08	---	---	1917
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		734 000	MEAN

SEINE RIVER AT STURGEON FALLS GENERATING STATION - STATION NO. 05PB009

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1963	---	39.4	39.1	38.9	46.0	122	110	83.3	42.2	36.2	37.2	35.6	---	1963
1964	38.5	38.1	36.8	49.7	97.5	121	129	68.2	83.5	79.4	73.7	52.9	72.4	1964
1965	36.4	41.9	51.7	54.7	70.0	87.2	44.0	35.1	53.1	69.8	77.4	54.7	56.3	1965
1966	41.7	37.8	62.0	78.0	104	120	40.1	38.9	36.1	29.9	16.3	31.3	53.0	1966
1967	28.4	31.3	33.6	48.6	44.5	47.5	34.2	38.3	27.0	20.5	33.7	40.9	35.7	1967
1968	40.8	33.9	41.4	41.4	58.0	126	130	50.6	34.6	47.7	53.9	41.0	58.3	1968
1969	40.7	50.5	58.8	72.5	72.4	81.7	60.3	57.7	31.3	41.4	39.6	39.0	53.8	1969
1970	38.1	40.5	29.3	35.7	83.5	157	59.5	32.4	37.8	47.7	62.6	68.8	57.7	1970
1971	48.1	56.5	59.3	61.0	49.5	109	50.8	29.3	24.8	50.5	104	66.9	59.0	1971
1972	42.8	45.9	40.3	51.3	42.1	53.0	52.7	52.9	37.5	38.2	37.9	37.6	44.3	1972
1973	33.3	27.5	24.4	21.5	19.2	12.2	32.6	51.9	45.3	56.2	41.5	44.4	34.2	1973
1974	39.4	40.9	41.0	54.1	73.0	136	63.7	40.4	40.8	46.4	41.2	40.6	54.7	1974
1975	40.2	40.5	37.7	38.7	28.4	37.3	33.6	43.5	39.6	8.56	16.5	20.0	32.0	1975
1976	18.5	19.5	34.8	50.8	45.1	35.1	20.0	16.8	15.4	20.1	34.8	25.4	28.0	1976
1977	16.4	16.4	32.8	33.6	9.51	11.2	34.5	27.1	96.7	115	77.3	55.3	43.9	1977
1978	41.4	41.7	46.8	48.1	25.8	93.7	57.9	42.9	60.0	42.5	40.0	42.0	48.5	1978
1979	44.4	41.5	41.5	53.8	55.8	72.1	38.9	23.6	19.8	8.85	34.4	39.4	39.4	1979
1980	39.3	41.7	40.1	41.2	12.3	10.3	29.5	27.3	19.7	49.0	42.0	39.8	32.7	1980
1981	39.5	39.5	25.3	36.0	30.4	58.0	52.6	24.9	10.4	18.1	27.5	18.7	31.7	1981
1982	25.6	27.3	24.6	33.8	49.2	44.5	74.2	51.9	28.3	71.3	68.5	46.4	45.6	1982
1983	40.9	40.2	42.6	37.0	10.4	69.4	84.9	45.3	25.2	30.0	28.9	40.8	41.3	1983
1984	38.6	40.0	39.8	37.3	45.3	70.5	49.2	27.7	22.5	22.2	23.6	27.1	37.0	1984
1985	37.4	40.5	38.2	49.4	88.5	87.5	84.2	49.4	59.5	146	63.2	50.0	66.3	1985
1986	39.4	41.4	40.4	56.9	119	47.0	41.7	31.7	30.8	22.1	26.1	33.7	44.4	1986
1987	30.6	33.0	29.6	7.63	2.18	---	---	40.7	---	12.5	32.3	33.0	---	1987
1988	20.6	22.7	21.4	24.3	---	---	---	---	134	44.8	34.1	41.8	---	1988
1989	47.2	46.8	43.1	40.1	85.4	73.7	62.2	31.5	31.7	26.8	23.1	21.0	44.4	1989
1990	17.7	17.8	26.8	44.9	95.8	77.0	71.3	40.1	19.8	---	34.3	31.5	---	1990
MEAN	35.8	37.0	38.7	44.3	54.2	75.4	59.3	40.9	41.0	44.5	43.8	40.0	46.4	MEAN

LOCATION - LAT 48 44 40 N LONG 092 17 05 W
DRAINAGE AREA, 5 880 km² REGULATED SINCE 1958
DATA CONTRIBUTED BY - BOISE CASCADE CANADA LIMITED

SEINE RIVER AT STURGEON FALLS GENERATING STATION - STATION NO. 05PB009

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1963	---	---	---	---	1963
1964	---	187 ON JUL 15	12.3 ON JAN 01	2 290 000	1964
1965	---	159 ON MAY 25	10.6 ON JAN 17	1 780 000	1965
1966	---	193 ON MAY 30	0 ON JAN 01 *	1 670 000	1966
1967	---	81.8 ON APR 20	0 ON JAN 01	1 130 000	1967
1968	---	180 ON JUN 28	7.48 ON SEP 29	1 840 000	1968
1969	---	129 ON JUN 03	0 ON SEP 21	1 700 000	1969
1970	---	215 ON JUN 11 *	2.55 ON SEP 27	1 820 000	1970
1971	---	139 ON NOV 19	0 ON AUG 22	1 860 000	1971
1972	---	92.0 ON JUL 26	13.0 ON SEP 22	1 400 000	1972
1973	---	75.0 ON AUG 19	0 ON JUN 10	1 080 000	1973
1974	---	173 ON JUN 05	19.0 ON AUG 10	1 730 000	1974
1975	---	60.6 ON JUN 22	0 ON MAY 27	1 010 000	1975
1976	---	77.3 ON APR 15	0 ON SEP 06	886 000	1976
1977	---	158 ON SEP 21	0 ON MAY 01	1 380 000	1977
1978	---	131 ON JUN 16	16.3 ON MAY 27	1 530 000	1978
1979	---	115 ON APR 27	0 ON OCT 08	1 240 000	1979
1980	---	65.1 ON OCT 04	0 ON MAY 05	1 030 000	1980
1981	---	92.9 ON JUN 23	0 ON AUG 30	998 000	1981
1982	---	116 ON JUL 27	0 ON SEP 06	1 440 000	1982
1983	---	146 ON JUN 28	0 ON MAY 05	1 300 000	1983
1984	---	94.7 ON JUN 27	15.9 ON NOV 05	1 170 000	1984
1985	---	193 ON OCT 11	19.5 ON APR 05	2 090 000	1985
1986	---	154 ON MAY 21	0 ON AUG 31	1 400 000	1986
1987	---	---	0 ON MAY 05	---	1987
1988	---	182 ON SEP 21	0 ON APR 25	---	1988
1989	---	132 ON JUN 14	12.3 ON AUG 12	1 400 000	1989
1990	---	127 ON MAY 19	0 ON SEP 16	---	1990
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		1 470 000	MEAN

SEINE RIVER NEAR LA SEINE - STATION NO. 05PB001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1914	---	---	---	---	---	---	---	---	---	40.6	33.9	27.0	---	1914
1915	19.6	16.3	14.0	17.7	---	---	---	---	---	40.9	---	---	---	1915
1916	---	---	---	---	197	169	89.6	50.8	45.3	47.8	34.7	21.5	---	1916
1917	17.5	11.0	8.28	13.2	32.3	61.5	44.6	34.0	29.0	---	---	---	---	1917
1920	---	---	---	---	---	---	---	---	---	23.3	22.9	22.4	---	1920
1921	21.6	19.8	18.9	51.3	97.7	92.2	49.4	32.7	32.8	34.6	29.6	24.9	42.2	1921
1922	23.5	21.8	19.0	43.6	95.9	74.8	52.7	38.4	28.6	20.9	19.5	19.4	38.3	1922
1923	19.7	20.8	19.6	38.3	84.4	49.2	34.3	38.0	30.7	21.1	17.0	16.2	32.5	1923
1924	16.3	13.6	12.0	27.0	52.1	45.7	32.1	23.2	21.9	34.8	33.0	26.9	28.2	1924
1925	25.9	24.2	22.6	43.7	57.5	64.6	55.0	25.5	19.0	17.7	11.3	10.3	31.5	1925
1926	12.9	13.2	13.8	17.1	34.6	49.9	83.7	62.7	51.7	---	---	---	---	1926
MEAN	19.6	17.6	16.0	31.5	81.4	75.9	55.2	38.2	32.4	31.3	25.2	21.1	34.5	MEAN

LOCATION - LAT 48 45 00 N DRAINAGE AREA, 5 800 km^2
LONG 092 12 00 W NATURAL FLOW

SEINE RIVER NEAR LA SEINE - STATION NO. 05PB001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1914	---	---	---	---	1914
1915	---	---	---	---	1915
1916	---	250 ON JUN 01 *	---	---	1916
1917	---	70.2 ON JUN 06	---	---	1917
1920	---	---	---	---	1920
1921	---	109 ON MAY 18	18.9 B ON FEB 18	1 330 000	1921
1922	---	114 ON MAY 21	17.4 B ON NOV 26	1 210 000	1922
1923	---	94.9 ON MAY 21	15.9 B ON DEC 17	1 030 000	1923
1924	---	61.7 ON MAY 21	11.6 B ON MAR 22	894 000	1924
1925	---	83.5 ON JUN 27	8.50B ON DEC 02 *	992 000	1925
1926	---	---	---	---	1926
	B - ICE CONDITIONS	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		1 090 000	MEAN

SERPENT RIVER ABOVE QUIRKE LAKE - STATION NO. 02CD006

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1967	---	---	---	---	---	---	---	---	---	1.15	4.30	3.39	---	1967
1968	---	---	---	8.18	3.41	3.83	2.48	1.64	4.73	3.90	2.76	---	---	1968
1969	---	---	---	6.89	5.13	4.55	3.68	1.86	---	---	---	3.00	---	1969
1970	---	---	2.95	4.61	5.52	9.36	1.74	1.59	3.00	4.49	5.36	---	---	1970
1971	---	---	---	---	---	3.03	0.668	---	---	---	---	3.13	---	1971
1972	---	---	---	---	9.55	1.39	1.09	---	---	---	1.98	1.78	---	1972
1973	2.32	2.19	4.63	5.44	5.22	2.24	2.45	4.16	1.47	1.16	1.32	1.68	2.86	1973
1974	1.66	1.57	1.65	7.84	4.91	2.63	1.57	0.472	0.676	0.910	3.21	2.29	2.44	1974
1975	---	---	---	---	---	5.57	---	0.726	0.865	---	---	---	---	1975
1976	---	---	---	---	---	1.94	0.914	---	---	---	---	---	---	1976
1977	---	---	---	---	---	---	---	---	1.09	4.07	5.90	3.94	---	1977
1978	2.16	1.53	1.99	3.25	4.92	2.70	1.78	1.41	2.07	5.66	2.49	2.22	2.69	1978
1979	1.76	1.54	5.22	10.7	6.04	2.46	3.38	1.28	1.40	3.58	5.25	4.15	4.07	1979
1980	3.55	2.25	1.34	7.35	4.01	1.68	1.44	1.26	1.24	1.53	1.31	0.757	2.30	1980
1981	0.612	2.19	3.62	8.44	2.23	3.42	2.09	0.876	0.783	0.792	0.735	0.834	2.21	1981
1982	1.24	1.75	2.92	6.94	6.24	1.97	1.47	0.951	1.47	5.87	4.75	5.73	3.45	1982
1983	4.83	3.03	3.52	7.83	6.05	4.86	0.997	0.657	0.662	2.49	2.60	3.22	3.39	1983
1984	1.82	1.99	2.21	5.03	2.86	2.17	1.53	0.905	2.24	2.68	6.15	5.18	2.89	1984
1985	2.75	2.09	3.06	9.19	6.76	2.04	1.85	1.59	1.21	1.84	3.63	2.15	3.18	1985
1986	1.39	1.34	2.29	6.95	3.18	2.05	1.38	2.06	2.06	3.14	1.63	1.32	2.40	1986
1987	1.50	1.48	2.50	3.96	2.16	1.77	0.970	0.316	0.410	0.721	0.944	1.84	1.55	1987
1988	1.76	1.83	2.27	12.2	4.48	1.13	0.506	1.51	1.52	3.79	10.3	5.74	3.90	1988
1989	3.05	1.73	1.66	6.37	5.53	2.44	1.07	0.613	0.572	0.617	1.10	0.723	2.12	1989
1990	0.587	1.14	5.58	4.06	6.49	2.27	2.16	0.848	0.571	1.59	3.25	3.54	2.69	1990
MEAN	2.07	1.84	2.96	6.96	5.09	2.98	1.68	1.30	1.48	2.63	3.45	2.83	2.81	MEAN

LOCATION - LAT 46 31 00 N DRAINAGE AREA, 157 km²
LONG 082 37 00 W NATURAL FLOW

SERPENT RIVER ABOVE QUIRKE LAKE - STATION NO. 02CD006

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1967	---	---	---	---	1967
1968	---	10.7 ON APR 06	1.07 ON AUG 14	---	1968
1969	---	11.5 ON APR 17	---	---	1969
1970	28.6 AT 11:30 EST ON JUN 02 *	27.8 ON JUN 02 *	0.900 ON JUL 13	---	1970
1971	---	5.89B ON DEC 16	---	---	1971
1972	---	---	---	---	1972
1973	9.97 AT 05:59 EST ON MAY 04	9.71 ON MAY 04	0.722 ON SEP 18	90 300	1973
1974	16.0 AT 01:15 EST ON APR 24	15.5 ON APR 24	0.236 ON AUG 18 *	77 100	1974
1975	---	---	---	---	1975
1976	---	---	---	---	1976
1977	---	---	---	---	1977
1978	13.4 AT 12:13 EST ON OCT 08	13.3 ON OCT 08	1.19 ON AUG 22	84 900	1978
1979	17.2 AT 21:16 EST ON APR 28	16.9 ON APR 28	0.814 ON JUL 24	129 000	1979
1980	12.2 AT 11:34 EST ON APR 13	12.1 ON APR 13	0.660B ON DEC 29	72 900	1980
1981	15.2 AT 16:49 EST ON APR 05	14.9 ON APR 06	0.448 ON SEP 25	69 600	1981
1982	12.1 AT 10:52 EST ON APR 27	12.0 ON APR 27	0.539 ON AUG 05	109 000	1982
1983	18.1 AT 22:46 EST ON APR 15	17.7 ON APR 16	0.452 ON AUG 11	107 000	1983
1984	12.2 AT 23:07 EST ON NOV 02	11.8 ON NOV 03	0.633 ON AUG 15	91 400	1984
1985	19.2 AT 08:30 EST ON APR 25	18.9 ON APR 25	1.01 ON SEP 21	100 000	1985
1986	9.39 AT 17:09 EST ON APR 09	9.18 ON APR 09	0.772 ON JUL 12	75 700	1986
1987	---	6.20E ON APR 12	0.259 ON AUG 04	48 700	1987
1988	20.6 AT 04:35 EST ON APR 09	20.0 ON APR 08	0.394 ON AUG 01	123 000	1988
1989	10.1 AT 12:32 EST ON MAY 01	9.73 ON APR 28	0.384 ON OCT 05	66 800	1989
1990	12.1 AT 03:54 EST ON MAY 19	11.7 ON MAY 19	0.356 ON AUG 23	84 800	1990
				88 700	MEAN

B - ICE CONDITIONS * - EXTREME RECORDED FOR THE PERIOD OF RECORD
E - ESTIMATED

SERPENT RIVER AT HIGHWAY NO. 17 - STATION NO. 02CD001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1966	---	---	---	---	---	---	---	---	4.79	16.9	38.8	56.5	---	1966
1967	23.0	15.8	12.6	82.6	79.8	21.1	8.50	5.44	3.53	5.38	32.0	29.5	26.6	1967
1968	21.3	12.9	12.8	53.9	34.0	18.4	13.1	11.3	28.8	25.1	18.4	22.8	22.7	1968
1969	20.9	20.3	14.6	56.4	44.3	22.1	18.2	11.0	4.02	12.5	38.1	23.3	23.8	1969
1970	12.1	8.83	8.09	35.8	52.5	71.2	16.6	5.82	11.8	30.7	43.5	44.1	28.4	1970
1971	18.3	12.6	18.6	58.9	55.4	23.3	9.18	4.54	3.05	3.01	5.32	29.1	20.1	1971
1972	18.9	13.9	13.6	53.4	89.2	17.1	5.68	4.99	13.1	21.4	18.8	13.1	23.6	1972
1973	16.4	16.8	32.6	39.9	41.2	21.4	11.6	17.1	10.3	6.77	7.25	16.2	19.8	1973
1974	14.3	12.8	10.3	58.2	44.8	20.9	10.9	4.29	1.60	3.02	18.7	15.8	17.9	1974
1975	16.3	14.5	11.4	39.0	63.9	29.2	16.3	4.50	2.14	1.35	5.01	23.9	19.0	1975
1976	13.2	9.89	12.4	79.2	39.1	13.1	5.22	1.74	0.649	0.519	0.762	2.27	14.8	1976
1977	2.39	2.50	19.6	66.3	23.5	6.69	3.02	1.40	1.27	19.0	61.8	38.9	20.5	1977
1978	17.3	9.24	6.69	27.8	51.0	18.1	7.08	4.86	6.46	23.3	23.3	18.5	18.7	1978
1979	14.4	9.53	42.3	95.3	65.2	26.8	20.1	16.7	9.15	17.6	44.9	35.0	33.1	1979
1980	26.1	14.9	10.3	54.8	34.3	14.0	7.47	4.95	6.22	12.3	15.3	11.7	17.7	1980
1981	6.92	9.24	20.9	72.5	22.9	13.1	12.8	5.15	3.10	9.17	10.4	10.9	16.4	1981
1982	9.69	7.66	12.2	58.8	51.4	15.7	6.87	3.41	14.2	33.6	37.6	44.1	24.7	1982
1983	34.8	18.4	26.4	61.4	43.1	36.6	9.74	3.17	1.80	10.8	16.5	19.9	23.5	1983
1984	13.3	13.1	16.5	41.3	21.9	16.7	8.55	4.96	12.2	18.6	45.6	38.6	20.9	1984
1985	24.2	13.1	20.4	74.3	51.8	16.0	7.19	5.27	4.50	6.81	29.1	21.5	22.8	1985
1986	11.5	7.96	13.0	53.8	21.1	14.4	7.19	10.7	6.61	16.7	16.1	13.9	16.1	1986
1987	9.68	6.95	11.1	26.1	12.0	8.96	5.28	2.52	1.40	1.59	4.89	18.2	9.06	1987
1988	14.6	13.1	14.4	94.2	28.8	12.0	3.69	2.23	2.39	18.3	70.9	46.9	26.7	1988
1989	23.8	13.6	11.0	57.6	35.6	18.3	7.86	2.54	1.41	0.671	2.50	5.18	15.0	1989
1990	6.25	7.89	24.0	30.7	38.5	25.2	18.4	6.68	2.38	7.28	25.7	31.8	18.8	1990
MEAN	16.2	11.9	16.5	57.2	43.5	20.8	10.0	6.05	6.27	13.3	25.2	25.3	20.9	MEAN

LOCATION - LAT 46 12 47 N DRAINAGE AREA, 1 350 km²
LONG 082 30 33 W NATURAL FLOW

SERPENT RIVER AT HIGHWAY NO. 17 - STATION NO. 02CD001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1966	---	---	---	---	1966
1967	152 AT 04:00 EST ON MAY 04	150 ON MAY 04	2.97 ON SEP 28	839 000	1967
1968	---	62.9 ON APR 06	7.53 ON AUG 16	718 000	1968
1969	83.3 AT 20:00 EST ON APR 17	82.4 ON APR 17	3.00 ON OCT 06	749 000	1969
1970	133 AT 10:34 EST ON JUN 03	132 ON JUN 03	3.77 ON SEP 02	897 000	1970
1971	97.7 AT 20:48 EST ON APR 23	97.4 ON APR 24	2.81 ON SEP 27	635 000	1971
1972	144 AT 20:33 EST ON MAY 04	143 ON MAY 04	3.03 ON AUG 21	747 000	1972
1973	59.2 AT 16:02 EST ON APR 04	58.9 ON APR 04	5.41 ON NOV 20	625 000	1973
1974	102 AT 11:24 EST ON APR 19	102 ON APR 19	0.957 ON SEP 09	566 000	1974
1975	106 AT 22:36 EST ON MAY 02	105 ON MAY 02	1.02 ON OCT 10	599 000	1975
1976	99.7 AT 05:34 EST ON APR 19	99.4 ON APR 19	0.272 ON OCT 28 *	467 000	1976
1977	89.8 AT 21:20 EST ON NOV 11	87.8 ON NOV 11	0.572 ON SEP 19	647 000	1977
1978	85.5 AT 15:41 EST ON MAY 16	85.2 ON MAY 16	3.57 ON AUG 27	590 000	1978
1979	176 AT 17:20 EST ON APR 28	125 ON APR 28	6.48 ON OCT 10	1 050 000	1979
1980	81.4 AT 18:00 EST ON APR 11	80.6 ON APR 11	3.72 ON SEP 12	559 000	1980
1981	119 AT 18:58 EST ON APR 05	116 ON APR 05	2.59 ON SEP 25	517 000	1981
1982	99.3 AT 23:27 EST ON APR 27	98.5 ON APR 27	2.53 ON AUG 21	778 000	1982
1983	124 AT 19:30 EST ON APR 16	122 ON APR 17	1.40 ON SEP 15	742 000	1983
1984	85.9 AT 02:30 EST ON NOV 03	83.6 ON NOV 03	3.81 ON AUG 27	660 000	1984
1985	135 AT 08:23 EST ON APR 25	135 ON APR 25	3.64 ON SEP 29	720 000	1985
1986	73.6 AT 17:28 EST ON APR 09	73.4 ON APR 09	5.96 ON JUL 27	507 000	1986
1987	35.5 AT 10:00 EST ON APR 07	35.2 ON APR 06	0.949 ON OCT 15	286 000	1987
1988	156 AT 00:41 EST ON APR 09 *	154 ON APR 08 *	1.79 ON SEP 11	843 000	1988
1989	74.0 AT 09:07 EST ON APR 19	73.7 ON APR 19	0.593 ON OCT 20	472 000	1989
1990	62.0 AT 16:13 EST ON MAY 19	61.3 ON MAY 19	1.61 ON SEP 30	592 000	1990
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		659 000	MEAN

SERPENT RIVER AT OUTLET OF DUNLOP LAKE - STATION NO. 02CD002

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1977	---	---	---	---	---	---	---	---	0.345	2.39	3.38	2.58	---	1977
1978	1.35	0.809	1.11	1.26	2.58	1.74	1.11	0.777	0.752	1.78	1.31	1.36	1.50	1978
1979	1.22	0.976	3.33	7.64	6.13	1.46	2.50	0.491	0.860	1.79	3.15	2.87	2.71	1979
1980	2.06	1.36	0.834	4.95	2.53	0.896	0.769	0.636	0.455	0.405	0.287	0.090	1.27	1980
1981	0.061	0.774	2.10	5.48	1.19	2.19	1.25	0.503	0.283	0.042	0.049	0.019	1.16	1981
1982	0.406	1.16	2.06	3.96	4.15	1.22	0.793	0.491	0.340	3.53	2.63	3.71	2.04	1982
1983	3.30	1.84	1.86	5.05	3.94	3.17	0.497	0.099	0.017	1.16	2.15	2.94	2.17	1983
1984	1.60	1.57	1.40	2.72	1.65	1.45	1.06	0.272	0.993	1.47	3.82	3.14	1.76	1984
1985	1.61	1.44	1.87	4.91	4.67	1.22	1.10	0.825	0.412	0.616	2.10	1.42	1.85	1985
1986	0.869	0.926	1.12	4.19	2.11	1.23	1.06	1.30	1.19	1.56	0.634	0.507	1.39	1986
1987	0.742	0.920	0.871	1.31	1.12	1.02	0.571	0.010	0.008	0.035	0.065	0.574	0.602	1987
1988	0.941	1.11	1.38	7.06	2.97	0.416	0.025	0.647	0.548	1.83	6.05	4.25	2.26	1988
1989	2.15	1.18	0.977	3.33	3.71	1.23	0.412	0.017	0.012	0.007	0.012	0.006	1.09	1989
1990	0.015	0.308	2.47	1.87	4.46	1.33	1.62	0.362	0.083	0.356	1.37	2.10	1.37	1990
MEAN	1.26	1.11	1.64	4.13	3.17	1.43	0.982	0.495	0.450	1.36	1.93	1.83	1.63	MEAN

LOCATION - LAT 46 29 05 N DRAINAGE AREA, 109 km²
LONG 082 38 33 W REGULATED

SERPENT RIVER AT OUTLET OF DUNLOP LAKE - STATION NO. 02CD002

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1977	---	---	0 E ON AUG 14 *	---	1977
1978	10.2 AT 21:36 EST ON OCT 06	9.88 ON OCT 07	0.498 ON SEP 01	47 400	1978
1979	14.3 AT 01:40 EST ON APR 28 *	14.2 ON APR 28 *	0.240E ON JUN 09	85 400	1979
1980	9.59 AT 19:33 EST ON APR 12	9.24 ON APR 13	0.074E ON DEC 31	40 100	1980
1981	8.48 AT 13:50 EST ON APR 06	8.47 ON APR 06	0.014 ON OCT 10	36 500	1981
1982	7.71 AT 02:58 EST ON MAY 03	7.68 ON MAY 03	0.041 ON JAN 01	64 400	1982
1983	12.1 AT 15:36 EST ON APR 19	11.2 ON APR 20	0 ON SEP 30	68 300	1983
1984	6.73 AT 12:19 EST ON NOV 02	6.61 ON NOV 02	0.072E ON AUG 24	55 600	1984
1985	10.5 AT 17:35 EST ON APR 26	10.5 ON APR 26	0.052 ON SEP 25	58 400	1985
1986	---	5.24A ON APR 10	0.248 ON NOV 14	43 900	1986
1987	1.77 AT 08:54 EST ON APR 15	1.70 ON APR 12	0.002E ON AUG 04	19 000	1987
1988	9.83 AT 15:44 EST ON APR 09	9.76 ON APR 09	0.022E ON JUL 20	71 500	1988
1989	5.65 AT 18:00 EST ON MAY 01	5.60 ON MAY 02	0.002 ON OCT 01	34 200	1989
1990	6.69 AT 16:33 EST ON MAY 18	6.50 ON MAY 19	0.006B ON JAN 01	43 300	1990
				51 400	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX) B - ICE CONDITIONS E - ESTIMATED * - EXTREME RECORDED FOR THE PERIOD OF RECORD

SERPENT RIVER BELOW PECORS LAKE - STATION NO. 02CD004

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1967	---	---	---	---	---	---	---	---	---	2.53	8.69	---	---	1967
1968	---	---	---	---	15.7	9.70	7.36	5.19	7.49	9.81	7.67	---	---	1968
1969	---	---	---	14.3	18.9	11.4	11.0	6.56	---	---	---	---	---	1969
1970	---	---	---	---	18.3	28.4	9.79	4.97	5.58	12.1	14.2	16.7	---	1970
1971	---	---	---	---	---	11.2	5.56	3.02	2.00	1.43	1.31	---	---	1971
1972	---	---	---	---	---	9.09	3.30	2.51	7.11	5.83	5.47	5.34	---	1972
1973	---	---	---	---	---	---	6.80	7.10	5.38	2.82	1.75	---	---	1973
1974	---	---	---	---	---	---	---	---	0.990	0.418	4.68	5.68	---	1974
1977	---	---	---	---	---	---	---	---	0.696	7.59	20.4	16.7	---	1977
1978	9.49	5.33	3.76	7.14	21.5	11.7	5.27	3.02	2.91	14.7	10.5	7.97	8.65	1978
1979	6.19	4.92	12.4	35.6	35.9	13.7	11.5	7.26	4.87	6.57	20.1	18.3	14.8	1979
1980	12.2	8.55	5.49	18.1	20.4	8.43	4.98	3.08	2.66	3.05	4.20	4.08	7.92	1980
1981	3.25	3.61	6.80	27.8	14.0	8.90	7.22	2.98	1.96	2.28	2.56	2.97	7.02	1981
1982	3.93	3.33	4.37	18.0	29.0	9.30	4.14	2.16	3.98	11.2	17.7	18.6	10.5	1982
1983	17.0	9.64	10.4	24.5	22.5	19.5	6.13	4.09	1.04	3.10	6.23	8.95	10.9	1983
1984	7.57	6.42	6.74	15.3	13.9	8.45	5.94	3.79	4.19	5.43	17.2	17.2	9.35	1984
1985	13.2	7.70	7.80	22.4	30.7	11.1	5.44	4.36	3.63	3.94	8.52	10.7	10.8	1985
1986	6.64	4.95	5.33	19.5	14.2	8.14	4.90	4.77	4.39	6.71	7.43	5.47	7.70	1986
1987	4.40	3.88	4.44	10.1	7.43	5.95	4.18	1.75	0.714	0.585	1.16	3.98	4.04	1987
1988	5.77	5.47	4.99	32.2	19.8	8.06	2.67	2.13	2.11	6.51	28.1	24.1	11.8	1988
1989	12.1	7.06	5.36	16.3	21.4	10.2	4.72	1.53	0.423	0.101	0.907	1.72	6.81	1989
1990	2.62	3.05	7.34	14.2	18.5	13.7	8.29	3.85	1.54	2.35	6.19	12.8	7.90	1990
MEAN	8.03	5.69	6.54	19.7	20.1	11.5	6.27	3.80	3.18	5.19	9.28	10.7	9.09	MEAN

LOCATION - LAT 46 22 28 N LONG 082 26 18 W DRAINAGE AREA, 567 km^2 REGULATED

SERPENT RIVER BELOW PECORS LAKE - STATION NO. 02CD004

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1967	---	---	---	---	1967
1968	---	---	---	---	1968
1969	---	---	---	---	1969
1970	41.6 AT 02:00 EST ON JUN 06	---	---	---	1970
1971	---	---	---	---	1971
1972	---	---	---	---	1972
1973	---	---	---	---	1973
1974	---	---	---	---	1974
1977	---	---	---	---	1977
1978	27.2 AT 19:23 EST ON MAY 15	26.9 ON MAY 16 *	1.94 ON SEP 13	273 000	1978
1979	54.8 AT 03:56 EST ON MAY 01 *	53.7 ON MAY 01 *	3.46 ON OCT 10	467 000	1979
1980	28.1 AT 10:50 EST ON MAY 01	27.9 ON APR 30	2.12 ON SEP 12	251 000	1980
1981	34.3 AT 15:15 EST ON APR 14	33.7 ON APR 15	1.22 ON SEP 30	222 000	1981
1982	36.4 AT 08:23 EST ON MAY 07	36.3 ON MAY 07	1.69 ON AUG 18	332 000	1982
1983	34.8 AT 00:00 EST ON APR 19	34.6 ON APR 19	0.755 ON SEP 15	344 000	1983
1984	19.3 AT 12:32 EST ON NOV 02	19.2 ON APR 21	3.01 ON AUG 26	296 000	1984
1985	44.0 AT 22:20 EST ON APR 28	44.5 ON APR 28	2.88 ON SEP 29	341 000	1985
1986	23.2 AT 08:26 EST ON APR 21	22.9 ON APR 21	4.02 ON JUL 27	243 000	1986
1987	11.2 AT 01:18 EST ON APR 16	11.0 ON APR 16	0.352E ON OCT 15	127 000	1987
1988	43.5 AT 16:00 EST ON APR 17	43.1 ON APR 16	1.56 ON SEP 11	373 000	1988
1989	27.5 AT 13:24 EST ON MAY 01	26.7 ON APR 30	0.085 ON OCT 25 *	215 000	1989
1990	23.3 AT 06:51 EST ON MAY 20	23.2 ON MAY 20	0.879 ON SEP 30	249 000	1990
				287 000	MEAN

E - ESTIMATED * - EXTREME RECORDED FOR THE PERIOD OF RECORD

SERPENT RIVER BELOW QUIRKE LAKE - STATION NO. 02CD003

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1977	---	---	---	---	---	---	---	---	---	---	---	---	---	1977
1978	4.39	2.54	2.21	3.80	12.0	5.14	2.76	1.90	2.51	5.98	12.3	8.72	---	1978
1979	3.40	2.75	7.21	20.0	18.7	5.20	5.86	2.50	2.02	3.79	4.66 10.1	3.94 8.50	4.64 7.52	1979
1980	5.31	4.00	2.59	11.5	10.1	3.60	2.29	1.32	1.22	1.42	2.05	1.47	3.90	1980
1981	1.15	1.41	4.35	16.4	5.97	5.08	4.31	1.38	0.871	0.242	0.579	1.19	3.57	1981
1982	1.78	1.76	3.16	10.1	15.5	3.77	1.88	1.13	1.94	8.03	8.75	9.49	5.65	1982
1983	8.58	4.61	4.81	14.0	11.8	10.6	2.37	0.864	0.559	2.26	3.66	5.03	5.76	1983
1984	3.24	2.82	3.17	8.93	6.82	3.78	2.76	1.35	1.69	2.93	9.80	8.91	4.68	1984
1985	5.70	3.54	4.20	12.9	16.4	4.21	2.51	2.21	1.42	1.81	4.79	4.97	5.40	1985
1986	2.64	1.99	2.44	12.1	6.82	4.21	2.18	2.61	2.46	4.04	3.58	2.20	3.94	1986
1987	1.85	1.82	2.18	5.64	3.62	3.24	1.70	0.749	0.298	0.154	0.304	1.94	1.95	1987
1988	3.30	2.99	3.17	20.4	10.2	3.55	1.08	1.09	1.10	3.51	16.4	12.3	6.58	1988
1989	5.84	3.48	2.65	8.86	11.7	4.52	2.00	0.603	0.189	0.027	0.041	0.291	3.35	1989
1990	0.610	1.08	4.48	7.12	11.7	6.16	4.24	1.70	0.537	1.08	3.56	7.22	4.15	1990
MEAN	3.68	2.68	3.59	11.7	10.9	4.85	2.76	1.51	1.29	3.20	5.76	5.44	4.70	MEAN

LOCATION - LAT 46 29 11 N
LONG 082 28 52 W
DRAINAGE AREA, 319 km²
REGULATED

SERPENT RIVER BELOW QUIRKE LAKE - STATION NO. 02CD003

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1977	---	---	---	---	1977
1978	17.7 AT 11:10 EST ON MAY 19	17.1 ON MAY 19	1.48 ON AUG 27	146 000	1978
1979	30.3 AT 06:25 EST ON MAY 01 *	29.9 ON MAY 01 *	1.69 ON SEP 29	237 000	1979
1980	17.8 AT 15:17 EST ON APR 21	17.4 ON APR 22	1.03 ON SEP 13	123 000	1980
1981	22.3 AT 12:25 EST ON APR 11	22.1 ON APR 11	0.089 ON OCT 13	113 000	1981
1982	22.9 AT 11:53 EST ON MAY 04	22.5 ON MAY 04	0.952 ON AUG 10	178 000	1982
1983	24.8 AT 17:47 EST ON APR 20	24.6 ON APR 20	0.418 ON SEP 16	182 000	1983
1984	12.8 AT 03:02 EST ON NOV 10	12.6 ON NOV 10	0.965 ON SEP 07	148 000	1984
1985	29.1 AT 16:04 EST ON APR 29	28.6 ON APR 29	1.04 ON OCT 03	170 000	1985
1986	---	15.1 E ON APR 18	1.67 ON MAR 08	124 000	1986
1987	6.36 AT 19:57 EST ON APR 12	6.34 ON APR 16	0.123 ON OCT 15	61 600	1987
1988	27.6 AT 12:02 EST ON APR 14	27.5 ON APR 14	0.787 ON AUG 04	208 000	1988
1989	16.5 AT 11:14 EST ON MAY 03	16.2 ON MAY 03	0.014 ON OCT 22 *	106 000	1989
1990	15.6 AT 20:39 EST ON MAY 22	15.5 ON MAY 22	0.352 ON SEP 26	131 000	1990
	E - ESTIMATED	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		148 000	MEAN

SEVERN RIVER ABOVE WASDELL FALLS - STATION NO. 02EC014

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1978	79.5	66.0	55.1	117	86.6	41.7	---	---	---	---	---	---	---	1978
MEAN	79.5	66.0	55.1	117	86.6	41.7	---	---	---	---	---	---	---	MEAN

LOCATION - LAT 44 46 28 N
LONG 079 17 40 W
DRAINAGE AREA, 5 310 km²
REGULATED

SEVERN RIVER ABOVE WASDELL FALLS - STATION NO. 02EC014

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1978	160 AT 00:01 EST ON APR 15 *	159 ON APR 14 *	---	---	1978
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		---	MEAN

SEVERN RIVER AT BIG FALLS - STATION NO. 02EC006

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1963	4.33	4.77	2.22	0.162	0.408	4.94	1.41	1.23	1.12	1.07	0.976	0.990	1.95	1963
1964	0.982	0.964	0.407	0.198	0.124	0.044	0.113	0.036	0	0	4.23	9.17	1.36	1964
1965	0.934	0.429	0.323	5.99	29.1	1.43	0.131	0.128	0.132	0.090	0.255	16.6	4.70	1965
1966	18.5	16.6	10.9	0.268	0.132	4.55	7.54	7.40	8.77	3.87	0.541	0.286	6.56	1966
1967	7.54	12.5	12.7	0.373	0.203	12.9	31.6	25.8	13.1	8.06	19.3	20.0	13.7	1967
1968	18.6	16.6	7.77	0.092	1.04	6.80	8.66	9.14	10.2	9.19	6.55	3.08	8.11	1968
1969	18.0	16.6	6.86	8.84	25.6	1.27	1.18	3.17	8.42	6.48	0.499	0.181	8.06	1969
1970	0.181	0.181	0.181	11.6	6.54	2.51	13.6	24.0	13.3	8.19	12.5	16.0	9.13	1970
1971	16.2	15.6	9.25	13.5	12.5	3.28	4.36	8.41	7.35	11.4	10.4	3.11	9.57	1971
1972	0.403	5.73	16.4	17.0	28.5	16.1	8.27	18.2	13.3	2.26	8.48	17.1	12.7	1972
1973	16.4	14.9	3.25	24.1	14.8	0.759	1.02	1.96	1.83	1.04	2.17	17.3	8.25	1973
1974	14.5	18.2	10.7	23.2	23.8	3.60	3.26	17.5	13.6	3.20	11.1	15.7	13.2	1974
1975	15.3	15.4	18.0	12.7	11.6	0.667	0.825	0.934	0.844	0.721	0.600	0.566	6.47	1975
1976	2.10	19.3	16.3	24.6	30.9	3.26	5.67	12.2	15.0	8.80	0.671	0.645	11.6	1976
1977	2.00	3.40	3.29	2.79	3.26	2.26	4.04	7.46	8.94	11.3	10.4	13.6	6.09	1977
1978	18.9	17.1	15.4	12.6	11.1	4.79	3.69	3.84	4.93	4.14	3.61	3.75	8.61	1978
1979	5.81	18.4	15.5	12.2	28.8	12.7	6.00	5.15	6.48	10.0	7.31	9.73	11.5	1979
1980	18.0	1.91	3.15	28.2	12.9	5.31	9.30	24.8	14.0	3.66	3.48	8.45	11.1	1980
1981	20.0	16.6	9.17	0.233	5.01	9.72	8.47	7.45	16.8	11.8	10.4	13.7	10.8	1981
1982	16.6	16.5	16.6	12.4	1.25	14.8	5.20	6.06	16.6	15.0	5.67	15.7	11.8	1982
1983	22.5	16.4	2.05	18.2	23.7	9.24	4.83	5.43	12.8	9.92	4.80	3.69	11.1	1983
1984	12.8	18.7	18.6	13.2	8.07	14.0	8.67	12.1	18.3	8.31	0.817	0.148	11.1	1984
1985	13.0	19.9	22.0	19.0	11.9	2.94	4.42	10.0	19.8	20.6	18.7	11.9	14.5	1985
1986	16.2	7.76	10.9	2.89	7.61	21.2	16.7	21.4	23.6	27.9	21.2	20.4	16.5	1986
1987	15.6	9.63	12.3	4.46	2.13	1.96	15.7	19.4	8.91	10.1	16.8	19.8	11.4	1987
1988	19.1	17.1	9.76	1.16	1.20	4.09	3.32	5.38	11.1	11.6	15.2	8.78	8.97	1988
1989	6.21	8.31	1.71	1.51	17.7	20.8	13.8	9.66	13.8	10.2	14.1	14.1	11.0	1989
1990	16.8	17.7	15.8	25.9	16.3	8.92	14.4	21.9	11.0	9.99	12.5	16.4	15.6	1990
MEAN	12.1	12.4	9.70	10.6	12.0	6.96	7.36	10.4	10.5	8.17	7.97	10.0	9.84	MEAN

LOCATION - LAT 44 44 28 N
LONG 079 19 41 W REGULATED

SEVERN RIVER AT BIG FALLS - STATION NO. 02EC006

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1963	---	9.80 ON JUN 06	0.042 ON MAY 15	61 400	1963
1964	---	13.4 ON NOV 23	0 ON AUG 11 *	43 000	1964
1965	---	36.8 ON MAY 16 *	0.057E ON NOV 01	148 000	1965
1966	---	19.8 ON JAN 01	0.085 ON MAY 24	207 000	1966
1967	---	34.5 ON JUL 02	0.153 ON MAY 24	433 000	1967
1968	---	20.3 ON JAN 01	0.048E ON APR 17	257 000	1968
1969	---	29.4 ON APR 29	0.065 ON NOV 06	254 000	1969
1970	---	29.4 ON JUL 21	0.170 ON JAN 08	288 000	1970
1971	---	27.9 ON APR 14	0.436 ON DEC 13	302 000	1971
1972	---	31.1 ON MAY 16	0.382 ON JAN 13	401 000	1972
1973	---	31.1 ON APR 04	0.530 ON MAR 05	260 000	1973
1974	---	26.4 ON APR 05	0.207E ON MAR 20	415 000	1974
1975	---	26.6 E ON MAY 03	0.258E ON APR 18	204 000	1975
1976	---	33.1 ON APR 09	0.530 ON JAN 19	367 000	1976
1977	---	19.6 ON DEC 23	0.181 ON APR 18	192 000	1977
1978	---	29.7 ON MAY 20	0.311 ON MAY 08	271 000	1978
1979	---	31.1 ON APR 26	0.445E ON DEC 30	362 000	1979
1980	---	30.5 ON APR 15	0.580 ON FEB 05	352 000	1980
1981	---	27.7 ON MAR 10	0.060 ON APR 21	339 000	1981
1982	---	29.0 ON JUN 17	0.195E ON MAY 19	372 000	1982
1983	---	30.9 ON MAY 06	0.150 ON NOV 17	349 000	1983
1984	---	27.2 ON MAY 30	0.100 ON NOV 19	351 000	1984
1985	---	26.4 ON MAY 10	0.150E ON JAN 01	456 000	1985
1986	---	31.5 ON SEP 30	0.405 ON MAR 03	522 000	1986
1987	---	28.6 ON JUL 24	0.405 ON MAR 30	361 000	1987
1988	---	22.3 ON NOV 21	0.415 ON MAY 02	284 000	1988
1989	---	31.9 ON JUN 23	0.200 ON APR 26	347 000	1989
1990	---	35.5 ON MAY 25	0.300E ON MAR 22	493 000	1990
	E - ESTIMATED	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		310 000	MEAN

SEVERN RIVER AT LIMESTONE RAPIDS - STATION NO. 04CC001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1970	249	168	132	117	809	2 250	1 540	954	780	1 210	736	413	783	1970
1971	277	217	182	181	1 300	1 110	1 050	1 060	605	602	533	392	629	1971
1972	299	244	213	203	1 760	1 260	695	472	529	706	521	388	609	1972
1973	293	236	203	195	1 780	1 290	1 290	700	733	1 050	913	649	781	1973
1974	468	358	284	259	1 100	2 190	1 090	949	1 080	968	646	465	822	1974
1975	356	286	238	375	2 000	1 620	1 320	1 850	1 410	1 330	988	665	1 040	1975
1976	---	---	---	---	---	---	699	582	565	376	215	158	---	1976
1977	130	114	102	278	848	436	422	817	938	650	565	380	475	1977
1978	255	195	163	153	766	773	959	1 170	1 020	809	636	475	618	1978
1979	378	283	216	237	1 400	1 310	947	683	629	721	686	439	663	1979
1981	286	229	191	168	---	1 110	---	---	---	---	---	---	---	1981
1982	---	---	---	---	---	---	1 450	1 310	934	987	728	464	---	1982
1983	325	243	199	187	555	1 600	1 320	877	877	808	664	380	672	1983
1984	278	238	175	183	728	941	747	565	609	569	543	400	499	1984
1985	303	236	198	219	1 530	2 530	2 120	1 050	957	1 230	838	550	985	1985
1986	372	279	215	238	1 780	1 100	700	617	888	836	582	367	670	1986
1987	292	256	232	804	994	630	785	670	1 090	567	491	292	593	1987
1988	207	176	167	177	1 550	836	496	390	371	468	351	248	455	1988
1989	179	141	119	113	1 150	903	549	371	596	841	586	302	490	1989
1990	184	155	155	156	1 050	1 220	738	467	387	432	384	334	474	1990
MEAN	285	225	189	236	1 240	1 280	996	819	789	798	611	408	662	MEAN

LOCATION - LAT 55 22 30 N DRAINAGE AREA, 94 300 km²
LONG 088 19 30 W NATURAL FLOW

REMARKS - DISCHARGES FOR SEP 27-NOV 9 1982 REVISED JUL 1983, AFTER PUBLICATION OF "SURFACE WATER DATA-ONTARIO 1982"

SEVERN RIVER AT LIMESTONE RAPIDS - STATION NO. 04CC001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1970	---	2 720E ON JUN 01	112 B ON APR 21	24 700 000	1970
1971	---	2 210E ON MAY 24	159 B ON APR 17	19 800 000	1971
1972	---	2 780E ON MAY 13	198 B ON APR 21	19 300 000	1972
1973	---	2 610B ON MAY 15	191 B ON APR 08	24 600 000	1973
1974	---	2 610E ON JUN 16	252 B ON APR 10	25 900 000	1974
1975	2 440 AT 00:56 EST ON AUG 05	2 430 ON AUG 05	210 B ON APR 20	32 900 000	1975
1976	---	---	141 B ON DEC 31	---	1976
1977	---	1 300 ON AUG 28	96.0B ON MAR 25 *	15 000 000	1977
1978	---	1 460 ON AUG 22	141 B ON APR 20	19 500 000	1978
1979	---	1 870E ON MAY 23	172 B ON APR 13	20 900 000	1979
1981	---	---	---	---	1981
1982	---	---	---	---	1982
1983	2 180 AT 05:16 EST ON JUN 26	2 460 ON JUN 19	185 B ON APR 05	21 200 000	1983
1984	1 180 AT 13:50 EST ON JUN 11	2 150 ON JUN 26	107 B ON APR 18	15 800 000	1984
1985	4 390 AT 12:55 EST ON JUN 25 *	1 150 ON JUN 10	187 B ON APR 01	31 100 000	1985
1986	---	4 350 ON JUN 25	229 B ON MAR 23	21 100 000	1986
1987	---	4 400B ON MAY 14 *	224 B ON APR 05	18 700 000	1987
1988	---	1 900B ON APR 25	166 B ON MAR 18	14 400 000	1988
1989	---	2 500B ON MAY 04	106 B ON APR 20	15 400 000	1989
1990	---	1 740E ON MAY 23	155 B ON FEB 08	14 900 000	1990
	B - ICE CONDITIONS E - ESTIMATED	2 220E ON MAY 25 * - EXTREME RECORDED FOR THE PERIOD OF RECORD		20 900 000	MEAN

SEVERN RIVER AT LITTLE FALLS - STATION NO. 02EC007

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1963	9.12	8.49	7.61	2.88	10.3	14.9	4.30	3.33	4.89	6.13	6.47	0.978	6.60	1963
1964	4.09	0.953	2.05	2.85	1.61	6.81	11.9	10.2	9.77	7.57	6.40	1.78	5.51	1964
1965	1.76	1.34	1.31	10.2	14.7	2.14	1.17	3.55	4.74	2.06	4.17	10.8	4.85	1965
1966	9.34	8.45	7.25	1.97	0.792	7.27	8.80	3.27	2.00	5.13	2.11	1.81	4.84	1966
1967	9.69	9.74	7.32	1.39	1.50	11.2	15.3	10.7	2.12	3.71	10.4	9.73	7.73	1967
1968	8.91	8.00	4.63	4.98	0.522	5.25	6.93	5.85	5.19	3.98	2.88	6.65	5.31	1968
1969	9.05	8.08	3.99	5.35	12.9	0.827	0.507	2.34	1.65	1.00	0.496	0.384	3.86	1969
1970	5.96	8.93	7.11	8.51	5.00	4.73	6.68	2.71	5.15	4.83	5.77	8.14	6.10	1970
1971	7.22	7.87	4.64	4.80	9.71	1.77	5.72	7.18	6.32	6.84	1.46	0.577	5.34	1971
1972	0.927	5.89	8.49	1.92	7.47	4.96	4.81	6.49	5.11	3.53	4.99	8.54	5.27	1972
1973	8.53	8.54	6.45	12.3	10.8	0.253	2.99	2.85	1.10	2.57	2.09	8.90	5.86	1973
1974	2.48	8.93	4.24	13.8	14.0	1.07	7.19	6.98	1.80	1.57	8.25	8.82	6.58	1974
1975	8.42	8.06	9.46	2.67	10.3	2.12	2.15	2.78	2.19	1.72	1.52	0.127	4.28	1975
1976	7.89	8.16	7.67	8.93	13.7	3.21	11.0	6.75	5.38	2.37	1.43	1.39	6.50	1976
1977	2.23	3.34	1.75	4.42	2.40	1.39	1.28	1.12	1.24	4.05	3.68	5.93	2.73	1977
1978	8.66	7.63	5.97	0.188	5.04	5.91	4.46	4.22	1.83	1.35	0.921	0.744	3.90	1978
1979	0.991	7.79	6.07	1.51	7.53	8.02	3.39	2.50	6.65	3.27	3.69	7.16	4.86	1979
1980	10.4	1.76	0.150	15.6	4.09	1.62	2.74	12.1	9.52	9.64	9.39	11.1	7.35	1980
1981	10.4	8.47	12.2	5.27	1.70	1.69	1.59	1.91	8.06	9.26	8.90	9.02	6.53	1981
1982	8.44	7.77	7.41	8.06	1.46	4.56	7.71	6.56	4.68	3.72	0.546	7.12	5.67	1982
1983	11.3	9.53	0.263	5.66	9.81	3.59	1.36	2.38	2.18	4.99	1.95	6.37	4.68	1983
1984	8.16	6.45	8.17	1.01	3.32	4.76	2.80	3.30	8.10	7.30	3.99	2.90	5.02	1984
1985	7.07	7.95	9.42	8.61	4.82	2.18	1.99	3.63	7.04	8.19	8.17	7.30	6.35	1985
1986	7.64	8.30	7.84	1.07	3.08	9.36	5.51	6.95	7.28	10.5	8.31	7.42	6.93	1986
1987	6.89	7.48	5.72	0.217	0.050	1.38	3.32	1.89	1.52	1.03	6.04	7.98	3.59	1987
1988	7.90	7.92	1.91	0.054	0.198	0.683	0.520	1.00	1.44	1.95	4.08	7.42	3.08	1988
1989	5.77	7.19	2.95	0.023	7.50	4.54	4.63	0.132	0.167	0.567	2.08	2.65	3.17	1989
1990	3.82	5.98	4.07	8.95	2.76	2.41	0.843	5.55	1.74	1.48	3.22	6.87	3.96	1990
MEAN	6.89	7.11	5.58	5.11	5.97	4.24	4.70	4.58	4.31	4.30	4.41	5.66	5.23	MEAN

LOCATION - LAT 44 44 45 N
LONG 079 19 31 W REGULATED

SEVERN RIVER AT LITTLE FALLS - STATION NO. 02EC007

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1963	---	17.1 ON MAY 14	0.204 ON MAY 09	208 000	1963
1964	---	14.3 ON JUL 07	0.283E ON DEC 05	174 000	1964
1965	---	17.4 ON APR 21	0.227E ON OCT 19	153 000	1965
1966	---	14.3 ON JUN 17	0.133E ON DEC 17	152 000	1966
1967	---	16.7 ON JUL 02	0.459 ON MAR 30	244 000	1967
1968	---	15.9 ON APR 12	0 ON MAR 20 *	168 000	1968
1969	---	15.9 ON APR 22	0.079 ON JUL 07	122 000	1969
1970	---	15.9 ON MAY 05	0.462 ON MAR 27	193 000	1970
1971	---	12.6 ON MAY 14	0.238 ON NOV 23	168 000	1971
1972	---	12.1 ON MAY 18	0.167 ON OCT 30	167 000	1972
1973	---	15.1 ON APR 02	0.085E ON JUN 16	185 000	1973
1974	---	25.9 ON APR 17	0.173E ON MAR 15	207 000	1974
1975	---	15.9 ON APR 29	0.074E ON DEC 03	135 000	1975
1976	---	15.9 ON JUL 05	0.074E ON JAN 01	206 000	1976
1977	---	9.97 ON DEC 21	0.142E ON MAR 18	86 100	1977
1978	---	14.3 ON MAY 20	0.142E ON MAR 29	123 000	1978
1979	---	13.9 ON MAY 28	0.150E ON MAR 25	153 000	1979
1980	---	27.0 ON APR 17 *	0.150E ON FEB 09	233 000	1980
1981	---	14.9 ON FEB 28	0.050E ON FEB 24	206 000	1981
1982	---	13.9 ON JUN 22	0.200E ON NOV 17	179 000	1982
1983	---	15.4 ON APR 15	0.140E ON MAR 02	147 000	1983
1984	---	13.9 ON MAY 30	0.390 ON APR 21	159 000	1984
1985	---	12.9 ON APR 23	0.150E ON APR 07	200 000	1985
1986	---	14.8 ON MAY 28	0.818 ON JUL 10	219 000	1986
1987	---	8.16E ON NOV 11	0.050E ON MAR 25	113 000	1987
1988	---	8.67 ON FEB 04	0.050E ON APR 04	97 400	1988
1989	---	16.9 E ON MAY 19	0.023E ON MAR 14	99 900	1989
1990	---	12.9 E ON APR 13	0.135 ON JAN 22	125 000	1990
	E - ESTIMATED	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		165 000	MEAN

SEVERN RIVER AT OUTLET OF MUSKRAT DAM LAKE - STATION NO. 04CA002

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1965	---	---	---	---	---	---	---	---	---	369	307	---	---	1965
1966	---	---	---	---	---	846	737	448	338	248	---	---	---	1966
1967	97.2	90.0	83.0	---	---	---	638	440	260	174	165	125	---	1967
1968	94.3	82.2	79.3	109	243	588	626	617	578	524	480	329	363	1968
1969	178	138	135	170	478	460	489	561	702	1 100	982	753	515	1969
1970	---	---	---	189	380	436	664	394	304	331	419	362	---	1970
1971	234	127	133	236	625	545	425	315	207	199	275	419	313	1971
1972	275	135	129	151	604	544	341	248	204	250	252	196	278	1972
1973	130	101	107	186	543	495	538	344	280	300	323	281	304	1973
1974	202	162	138	144	343	643	454	535	526	472	360	283	356	1974
1975	196	135	118	144	453	656	499	598	571	465	332	216	366	1975
1976	141	94.4	94.4	158	328	308	232	159	123	102	87.3	63.8	158	1976
1977	43.2	35.7	35.6	78.6	195	187	178	219	232	252	207	166	153	1977
1978	140	119	95.6	91.0	291	309	371	361	363	536	409	275	269	1978
1979	202	163	142	176	459	671	530	378	302	337	329	232	328	1979
1980	181	147	122	137	353	259	168	128	140	201	180	139	180	1980
1981	115	93.5	80.8	86.5	179	357	374	228	182	258	277	199	203	1981
1982	135	120	121	147	511	798	641	469	354	313	245	173	337	1982
1983	145	130	141	134	410	565	571	319	200	157	146	104	251	1983
1984	84.4	76.6	73.0	131	332	343	308	216	142	135	147	135	177	1984
1985	104	89.0	83.3	114	485	591	881	557	482	480	372	235	375	1985
1986	158	122	104	134	574	486	375	295	236	308	263	201	268	1986
1987	168	146	131	250	385	344	255	193	169	164	157	124	206	1987
1988	98.9	83.2	74.2	83.1	205	270	195	140	142	149	140	123	141	1988
1989	101	83.2	68.5	64.0	220	340	263	211	286	262	210	181	191	1989
1990	132	100	92.2	133	602	641	424	261	166	141	111	85.0	242	1990
MEAN	146	112	103	141	400	487	444	345	299	311	287	225	272	MEAN

LOCATION - LAT 53 29 27 N LONG 091 30 55 W DRAINAGE AREA, 36 500 km² NATURAL FLOW

SEVERN RIVER AT OUTLET OF MUSKRAT DAM LAKE - STATION NO. 04CA002

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1965	---	---	---	---	1965
1966	---	---	---	---	1966
1967	---	---	---	---	1967
1968	---	697 ON JUL 27	77.9B ON MAR 26	11 500 000	1968
1969	---	1 190E ON OCT 20 *	133 B ON MAR 17	16 200 000	1969
1970	770 AT 17:00 CST ON JUL 08	759 ON JUL 08	---	---	1970
1971	---	680 ON MAY 12	113 B ON FEB 19	9 870 000	1971
1972	722 AT 20:53 CST ON MAY 22	716 ON MAY 22	122 B ON MAR 12	8 790 000	1972
1973	640 AT 00:00 CST ON MAY 24	637E ON MAY 23	99.1B ON FEB 19	9 580 000	1973
1974	697 AT 12:06 CST ON JUN 19	694 ON JUN 19	132 B ON MAR 21	11 200 000	1974
1975	691 AT 10:43 CST ON JUN 27	685 ON JUN 27	113 B ON MAR 05	11 600 000	1975
1976	379 AT 16:00 CST ON MAY 15	371 ON MAY 15	53.8B ON DEC 31	4 990 000	1976
1977	282 AT 15:10 EST ON OCT 24	272 ON OCT 24	33.7B ON MAR 13 *	4 830 000	1977
1978	---	459 ON NOV 12	84.7B ON APR 18	8 500 000	1978
1979	715 AT 05:01 EST ON JUN 07	702 ON JUN 07	134 B ON MAR 18	10 300 000	1979
1980	414 AT 13:00 EST ON MAY 16	405 ON MAY 16	102 ON SEP 02	5 690 000	1980
1981	499 AT 22:17 EST ON JUN 30	493 ON JUL 01	78.0B ON MAR 30	6 410 000	1981
1982	887 AT 15:41 EST ON JUN 15	882 ON JUN 15	115 B ON MAR 09	10 600 000	1982
1983	691 AT 14:53 EST ON JUN 29	683 ON JUN 29	91.5B ON DEC 31	7 920 000	1983
1984	407 AT 16:49 EST ON MAY 21	379 ON MAY 22	72.1B ON MAR 21	5 610 000	1984
1985	1 020 AT 17:05 EST ON JUL 07 *	1 010 ON JUL 06	81.5B ON APR 14	11 800 000	1985
1986	682 AT 18:41 EST ON MAY 19	675 ON MAY 19	96.0B ON APR 09	8 460 000	1986
1987	---	432E ON MAY 03	110 B ON DEC 31	6 490 000	1987
1988	317 AT 22:23 EST ON JUN 05	316 ON JUN 05	72.0B ON MAR 30	4 450 000	1988
1989	380 AT 15:15 EST ON JUN 04	378 ON JUN 05	57.1B ON APR 19	6 030 000	1989
1990	783 AT 15:42 EST ON MAY 26	776 ON MAY 26	76.0B ON DEC 31	7 620 000	1990
				8 570 000	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

SEVERN RIVER AT SEVERN BRIDGE - STATION NO. 02EC001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1913	68.5	69.0	120	223	118	76.1	46.7	26.5	23.1	16.2	25.4	36.2	70.5	1913
1914	27.0	27.0	26.4	87.4	65.1	30.4	27.8	---	---	---	---	34.1	---	1914
MEAN	47.7	48.0	73.2	155	91.6	53.2	37.2	26.5	23.1	16.2	25.4	35.2	70.5	MEAN

LOCATION - LAT 44 46 35 N LONG 079 20 05 W DRAINAGE AREA, 5 390 km² NATURAL FLOW DATA CONTRIBUTED BY - ONTARIO HYDRO

SEVERN RIVER AT SEVERN BRIDGE - STATION NO. 02EC001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1913	---	264 ON APR 01 *	7.36 ON OCT 23 *	2 220 000	1913
1914	---	---	---	---	1914
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		2 220 000	MEAN

SEVERN RIVER AT SWIFT RAPIDS - STATION NO. 02EC003

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1953	---	---	---	---	---	---	---	---	---	20.2	27.7	32.9	---	1953
1954	30.4	39.6	109	155	103	57.1	26.8	23.2	38.2	142	108	82.9	76.4	1954
1955	72.4	49.4	72.1	176	62.2	26.3	22.7	24.1	25.2	28.1	62.0	45.3	55.3	1955
1956	39.4	33.6	42.0	120	131	87.7	72.8	39.6	42.6	28.1	30.8	31.6	58.3	1956
1957	27.8	27.9	69.4	85.0	38.5	35.6	101	29.4	42.3	44.5	69.8	77.4	53.4	1957
1958	50.3	41.4	43.4	48.7	22.9	20.2	20.7	19.2	22.1	23.9	21.6	24.7	30.0	1958
1959	22.9	21.6	30.3	146	108	64.8	27.8	21.1	22.6	22.1	39.1	52.1	48.3	1959
1960	43.9	63.2	65.3	228	210	128	83.0	35.6	23.9	18.1	25.6	21.0	78.6	1960
1961	18.9	15.2	38.5	78.0	50.0	34.7	31.7	30.9	40.9	30.9	29.9	37.3	36.5	1961
1962	30.7	30.1	48.0	94.9	30.6	19.7	15.4	13.0	10.1	16.4	30.1	28.6	30.5	1962
1963	26.4	23.9	38.0	81.2	70.5	44.3	19.0	16.2	17.0	16.9	23.0	22.6	33.2	1963
1964	24.1	28.2	43.1	64.6	43.9	22.2	17.9	14.9	16.2	16.2	13.1	27.1	27.6	1964
1965	22.9	23.6	27.1	121	104	22.7	13.5	13.9	17.1	40.7	50.9	94.9	46.1	1965
1966	72.3	64.4	93.7	58.2	34.5	55.6	27.9	17.5	15.6	14.4	36.2	92.8	48.5	1966
1967	51.3	57.8	57.3	104	38.8	91.8	132	68.4	35.6	58.6	124	117	78.1	1967
1968	95.9	108	67.4	90.1	29.4	30.2	46.0	22.8	24.2	19.0	21.2	46.9	48.0	1968
1969	62.0	65.4	55.9	126	155	51.0	34.7	18.1	18.7	17.2	41.1	30.4	56.2	1969
1970	25.6	28.3	31.4	129	77.0	29.5	45.1	38.6	30.0	34.8	63.4	74.2	50.6	1970
1971	47.6	45.4	48.3	160	82.3	22.4	22.9	21.1	19.7	25.2	24.5	35.2	46.1	1971
1972	28.8	36.1	64.7	154	125	51.7	30.7	40.9	34.2	30.8	62.1	73.6	61.0	1972
1973	93.5	79.8	121	145	88.8	42.0	27.2	27.8	17.1	19.7	46.3	75.5	65.3	1973
1974	56.2	68.9	80.9	171	152	38.0	30.9	40.3	29.5	37.8	78.4	63.2	70.5	1974
1975	57.9	53.4	101	134	106	22.6	14.8	14.8	14.6	14.7	16.1	38.0	49.0	1975
1976	39.4	62.7	128	157	72.3	25.7	35.7	34.3	38.6	33.8	34.9	39.1	58.3	1976
1977	30.8	39.4	69.4	79.5	28.3	16.5	15.9	19.3	20.5	48.1	73.3	84.0	44.7	1977
1978	79.1	72.4	59.9	131	90.7	42.0	22.3	19.7	27.5	26.4	27.8	37.9	53.1	1978
1979	42.2	62.9	136	129	105	40.3	22.1	18.7	20.1	35.9	64.4	96.1	64.5	1979
1980	86.1	29.9	59.7	188	63.0	44.1	46.9	79.3	45.3	57.6	64.3	73.1	69.8	1980
1981	67.7	101	105	73.6	56.0	40.7	29.9	26.9	42.8	43.5	48.8	57.6	57.4	1981
1982	52.6	54.1	59.8	169	56.5	59.8	41.8	30.7	37.6	39.4	67.0	131	66.5	1982
1983	129	84.6	66.4	105	145	48.8	18.5	16.6	19.0	19.3	34.8	48.2	61.3	1983
1984	47.6	97.5	108	101	58.1	49.5	29.9	24.4	37.0	25.7	45.0	55.4	56.4	1984
1985	81.5	83.4	136	106 R	73.4	29.7	22.7	25.1	75.1	78.2	103	82.1	81.2R	1985
1986	67.8	53.7	88.3	103	45.9	62.8	37.6	45.3	71.6	150	88.3	76.6	74.4	1986
1987	49.9	36.3	76.3	89.9	25.4	20.0	32.0	26.6	13.5	---	42.6	88.5	---	1987
1988	70.8	81.3	54.1	114	39.4	18.1	11.1	14.0	16.6	24.8	68.2	46.4	46.3	1988
1989	46.2	40.7	41.9	120	93.9	63.1	32.6	17.1	21.2	23.1	80.0	75.0	54.5	1989
1990	61.3	73.5	119	130	75.6	36.2	26.6	33.6	15.7	21.5	56.3	93.0	61.7	1990
MEAN	52.8	53.3	72.3	123 R	78.2	43.1	34.3	27.6	28.3	36.4	51.2	60.8	55.5R	MEAN

LOCATION - LAT 44 51 25 N LONG 079 32 30 W DRAINAGE AREA, 5 850 km² REGULATED

R - REVISED SINCE JAN 01 1989

REMARKS - DATA FOR 1963-82 REVISED IN OCT 1983

SEVERN RIVER AT SWIFT RAPIDS - STATION NO. 02EC003

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1953	---	---	---	---	1953
1954	---	248 ON OCT 19	3.94 ON AUG 21	2 410 000	1954
1955	---	223 ON APR 24	8.69 ON SEP 25	1 740 000	1955
1956	---	201 ON MAY 04	13.6 ON OCT 28	1 840 000	1956
1957	---	197 ON JUL 03	11.0 ON JAN 19	1 680 000	1957
1958	---	97.4 ON JAN 01	4.87 ON SEP 28	946 000	1958
1959	---	207 ON APR 15	4.02 ON SEP 13	1 520 000	1959
1960	---	275 ON APR 16 *	1.87 ON OCT 30	2 490 000	1960
1961	---	111 ON APR 18	0.340 ON FEB 11	1 150 000	1961
1962	---	161 ON MAR 31	0.057 ON SEP 16	964 000	1962
1963	---	173 R ON APR 02	0 ON SEP 01 *	1 050 000	1963
1964	---	85.4R ON APR 17	0 R ON NOV 29	873 000	1964
1965	---	193 R ON APR 17	0.540 ON FEB 07	1 450 000	1965
1966	---	199 ON DEC 10	1.19 ON AUG 01	1 530 000	1966
1967	---	201 R ON JUL 05	7.36 ON OCT 01	2 460 000	1967
1968	---	204 ON APR 01	3.88 ON OCT 27	1 520 000	1968
1969	---	208 R ON MAY 23	0 R ON OCT 26	1 770 000	1969
1970	---	209 R ON APR 26	7.08 ON JUL 04	1 600 000	1970
1971	---	260 R ON APR 20	0 ON AUG 28	1 450 000	1971
1972	---	259 ON APR 22	3.68 ON OCT 21	1 930 000	1972
1973	---	209 ON APR 07	0 R ON SEP 15	2 060 000	1973
1974	---	238 R ON APR 20	5.10 ON SEP 21	2 220 000	1974
1975	---	214 ON APR 25	2.97 ON NOV 01	1 550 000	1975
1976	---	241 R ON MAY 19	5.38 ON JUN 26	1 850 000	1976
1977	---	188 ON MAR 16	0 R ON JUN 18	1 410 000	1977
1978	---	180 R ON APR 15	5.66 R ON AUG 20	1 670 000	1978
1979	---	214 ON MAR 28	8.50 ON JUL 14	2 030 000	1979
1980	---	237 ON APR 16	7.48 ON MAR 01	2 210 000	1980
1981	---	208 R ON FEB 24	17.4 ON JUL 19	1 810 000	1981
1982	---	221 R ON APR 21	10.5 ON JUN 05	2 100 000	1982
1983	---	190 ON MAY 12	5.66 ON OCT 22	1 930 000	1983
1984	---	144 ON FEB 24	9.06 ON OCT 28	1 780 000	1984
1985	---	208 R ON APR 08	14.4 ON JUL 12	2 560 000	1985
1986	---	197 ON APR 02	15.5 ON JUL 13	2 340 000	1986
1987	---	151 ON APR 02	2.15 ON OCT 18	---	1987
1988	---	195 ON APR 06	1.13 ON JUL 09	1 470 000	1988
1989	---	180 ON APR 05	5.38 ON JUL 29	1 720 000	1989
1990	---	214 ON MAR 16	6.94 ON SEP 25	1 950 000	1990
				1 750 000	MEAN

* - EXTREME RECORDED FOR THE PERIOD OF RECORD
R - REVISED SINCE JAN 01 1989

SEVERN RIVER AT WASHAGO - STATION NO. 02EC005

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1963	3.63	3.58	3.48	2.74	9.48	10.6	7.86	6.30	5.23	3.76	3.18	3.29	5.27	1963
1964	4.03	4.35	4.77	4.25	3.75	2.62	1.56	2.58	3.88	1.75	1.05	0.265	2.91	1964
1965	0.623	0.624	1.00	1.10	4.63	8.68	7.44	6.12	5.64	5.07	3.98	6.59	4.32	1965
1966	6.35	5.32	5.16	4.76	4.11	4.27	3.41	2.62	1.96	1.59	1.63	2.82	3.66	1966
1967	4.98	5.13	3.24	3.60	3.32	11.2	11.7	8.28	6.20	6.22	6.97	6.61	6.48	1967
1968	5.45	4.10	2.67	8.43	5.97	5.08	5.07	4.18	3.61	2.95	2.62	5.44	4.70	1968
1969	4.58	4.08	2.48	5.79	10.2	6.96	3.65	3.17	2.09	1.33	1.45	1.60	3.94	1969
1970	3.43	3.43	3.42	4.96	8.10	5.35	5.35	4.54	3.90	3.83	4.61	4.62	4.64	1970
1971	4.08	4.10	4.89	9.49	10.2	7.73	7.75	5.86	4.92	3.75	2.38	2.39	5.63	1971
1972	3.02	4.02	4.53	8.36	12.7	11.1	10.6	7.83	5.67	4.51	5.03	4.43	6.83	1972
1973	4.04	4.29	3.55	10.2	10.7	11.0	9.53	8.54	5.80	4.61	5.59	5.34	6.94	1973
1974	5.09	5.55	7.65	10.8	10.9	10.7	10.9	8.49	6.37	5.14	5.60	5.31	7.72	1974
1975	4.85	4.79	6.52	9.73	10.9	10.7	9.11	7.20	6.31	5.03	4.51	3.16	6.91	1975
1976	4.04	4.28	5.53	9.29	11.4	10.8	10.5	8.07	6.75	5.42	5.10	4.91	7.24	1976
1977	4.81	4.24	3.47	7.83	11.1	9.78	8.96	8.01	7.07	5.90	5.58	5.90	6.90	1977
1978	5.35	3.45	2.45	4.49	8.85	10.9	8.33	6.47	4.81	4.00	3.40	3.58	5.52	1978
1979	4.34	4.23	4.61	11.1	11.5	10.0	8.55	8.49	6.28	4.64	5.48	6.17	7.13	1979
1980	6.43	6.22	7.67	11.0	10.7	9.85	9.01	8.36	5.53	5.08	5.21	6.42	7.63	1980
1981	5.75	5.67	6.30	9.63	10.5	10.5	8.71	7.29	6.39	4.86	4.85	5.31	7.33	1981
1982	4.40	3.95	3.37	7.32	10.5	11.1	9.42	7.63	5.86	5.06	6.05	8.57	6.92	1982
1983	7.43	6.21	8.02	10.5	10.4	9.56	7.68	6.16	4.60	3.99	3.55	4.44	6.88	1983
1984	4.48	4.18	5.15	9.28	10.8	10.9	9.18	6.57	5.07	3.76	3.61	4.16	6.43	1984
1985	5.90	4.93	7.01	10.3	10.5	9.77	8.63	6.96	7.04	5.23	4.79	4.68	7.16	1985
1986	3.91	3.68	4.61	8.73	6.04	10.5	8.43	6.84	6.65	7.63	5.15	4.32	6.38	1986
1987	4.01	3.93	4.95	9.67	10.0	9.75	9.54	7.36	5.77	5.04	5.15	5.15	6.72	1987
1988	4.85	4.56	4.59	4.97	5.97	9.06	7.52	6.71	5.83	5.18	5.01	4.35	5.72	1988
1989	4.64	4.49	3.81	8.17	11.2	10.9	8.91	6.97	5.71	4.82	5.57	4.65	6.66	1989
1990	4.54	4.83	7.44	10.8	11.0	10.3	9.43	6.43	4.51	4.69	4.77	4.86	6.98	1990
MEAN	4.64	4.36	4.81	7.76	9.12	9.30	8.10	6.58	5.34	4.46	4.36	4.62	6.13	MEAN

LOCATION - LAT 44 45 50 N
LONG 079 19 49 W REGULATED

SEVERN RIVER AT WASHAGO - STATION NO. 02EC005

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1963	---	12.7 ON MAY 20	1.93 ON NOV 03	166 000	1963
1964	---	5.66 ON APR 08	0 ON NOV 30 *	92 100	1964
1965	---	10.3 ON MAY 21	0.623E ON JAN 01	136 000	1965
1966	---	7.05 ON JAN 03	1.14 ON NOV 15	115 000	1966
1967	---	13.8 ON JUL 02	2.00 ON MAY 28	204 000	1967
1968	---	11.0 ON APR 13	1.16 ON APR 01	149 000	1968
1969	---	11.4 ON APR 26	1.16 ON APR 10	124 000	1969
1970	---	11.0 ON MAY 01	2.12 ON APR 06	146 000	1970
1971	---	11.6 ON APR 26	1.43 ON NOV 22	170 000	1971
1972	---	12.9 ON MAY 16 *	2.74 E ON JAN 01	216 000	1972
1973	---	12.6 ON JUN 08	2.61 ON MAR 08	219 000	1973
1974	---	12.6 ON JUL 03	4.33 ON OCT 02	244 000	1974
1975	---	12.9 ON APR 29	2.00 ON DEC 11	218 000	1975
1976	---	12.6 ON APR 16	1.02 ON APR 03	229 000	1976
1977	---	12.2 ON APR 18	1.07 E ON APR 11	218 000	1977
1978	---	11.3 ON MAY 15	0.974 ON MAY 01	174 000	1978
1979	---	12.9 ON APR 17	3.42 ON MAR 09	225 000	1979
1980	---	13.0 ON APR 15	4.33 ON NOV 12	241 000	1980
1981	---	11.4 ON APR 14	4.28 ON NOV 09	211 000	1981
1982	---	13.0 ON DEC 31	2.75 ON MAR 11	218 000	1982
1983	---	12.9 ON MAY 02	2.03 ON NOV 12	217 000	1983
1984	---	12.0 ON MAY 30	2.96 ON NOV 12	203 000	1984
1985	---	11.4 ON APR 21	4.01 ON NOV 06	226 000	1985
1986	---	11.1 E ON MAY 31	3.59 ON FEB 06	201 000	1986
1987	---	11.4 ON JUN 08	3.80 ON FEB 17	212 000	1987
1988	---	10.5 ON MAY 30	3.80 ON MAR 07	161 000	1988
1989	---	12.6 ON MAY 15	1.31 ON MAR 16	210 000	1989
1990	---	11.8 ON MAY 11	4.01 ON SEP 27	220 000	1990
	E - ESTIMATED	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		193 000	MEAN

SEVERN RIVER BELOW OUTLET OF DEER LAKE - STATION NO. 04CA004

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1967	---	---	---	---	---	---	---	---	---	12.1	11.1	11.0	---	1967
1968	10.8	10.5	10.0	10.3	21.0	62.2	77.9	67.0	58.7	61.2	61.1	43.5	41.3	1968
1969	33.8	26.8	19.9	20.4	51.9	64.2	67.5	82.6	107	126	85.8	66.7	62.9	1969
1970	49.6	33.3	18.3	12.9	22.8	30.5	35.9	26.5	16.0	13.3	21.5	27.3	25.7	1970
1971	26.2	20.2	15.7	20.2	62.1	51.0	38.9	35.4	24.8	18.0	17.3	17.9	29.0	1971
1972	18.7	17.7	14.9	14.3	65.8	60.7	32.5	21.2	14.7	17.2	18.2	17.3	26.1	1972
1973	15.9	15.3	13.8	16.5	57.2	53.6	51.8	30.8	18.9	22.4	27.6	26.5	29.3	1973
1974	22.5	20.0	16.8	15.2	43.1	64.3	35.6	25.9	39.4	47.4	34.1	26.4	32.6	1974
1975	20.3	17.8	14.1	13.8	42.1	90.8	62.5	68.0	73.9	47.8	30.5	22.3	42.1	1975
1976	17.0	15.4	13.4	17.3	43.1	34.5	20.7	12.7	7.26	4.40	3.22	3.23	16.0	1976
1977	3.70	4.08	4.34	5.62	16.5	17.0	19.6	22.6	29.1	33.1	26.2	21.4	17.0	1977
1978	19.5	14.3	11.4	11.8	30.3	33.2	33.9	36.3	49.4	45.7	33.9	26.4	28.8	1978
1979	22.5	18.7	15.3	16.9	70.1	87.8	51.8	26.6	20.7	20.7	23.6	24.6	33.3	1979
1980	21.0	17.5	14.7	15.6	32.2	28.9	19.3	13.2	11.4	13.6	13.8	13.4	17.9	1980
1981	13.1	11.8	10.0	9.46	16.6	35.5	48.5	29.0	19.3	21.2	24.5	24.8	22.1	1981
1982	21.1	17.2	15.0	16.7	59.8	78.0	57.8	44.1	31.0	22.1	19.1	18.6	33.5	1982
1983	19.2	17.3	14.9	14.6	41.4	59.9	71.8	39.5	21.7	13.5	10.4	9.50	27.9	1983
1984	9.71	8.95	8.49	10.3	25.8	36.0	33.6	23.1	13.5	10.4	11.3	14.0	17.1	1984
1985	15.5	14.3	11.9	11.4	45.7	54.0	77.5	49.7	44.8	38.3	30.5	24.2	35.0	1985
1986	19.4	16.2	13.5	14.7	48.2	52.5	33.3	28.3	25.1	---	---	---	---	1986
MEAN	19.9	16.7	13.5	14.1	41.9	52.3	45.8	35.9	33.0	31.0	26.5	23.1	29.9	MEAN

LOCATION - LAT 52 40 30 N
LONG 093 59 50 W NATURAL FLOW

REMARKS - STATION DISCONTINUED SEPT 30 1986

SEVERN RIVER BELOW OUTLET OF DEER LAKE - STATION NO. 04CA004

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1967	---	---	---	---	1967
1968	84.4 AT 12:45 CST ON JUL 14	80.7 ON JUL 14	9.60B ON APR 11	1 310 000	1968
1969	---	144 E ON OCT 12 *	13.9 ON APR 11	1 980 000	1969
1970	---	57.8E ON JAN 01	11.3 E ON APR 24	809 000	1970
1971	68.8 AT 06:06 CST ON MAY 27	67.7 ON MAY 21	13.7 ON APR 13	916 000	1971
1972	82.4 AT 23:28 CST ON MAY 22	81.8 ON MAY 26	13.0 ON APR 08	826 000	1972
1973	67.4 AT 15:24 CST ON MAY 20	67.1 ON MAY 20	12.5 ON APR 04	924 000	1973
1974	71.6 AT 18:05 CST ON JUN 01	71.1 ON JUN 01	13.9 ON APR 16	1 030 000	1974
1975	---	98.3E ON JUN 24	13.1 ON APR 08	1 330 000	1975
1976	49.8 AT 16:37 CST ON MAY 19	48.1 ON MAY 19	2.97 ON DEC 02 *	507 000	1976
1977	34.3 AT 20:35 EST ON OCT 13	34.3 ON OCT 07	3.48 ON JAN 10	537 000	1977
1978	56.1 AT 18:30 EST ON SEP 23	55.2 ON SEP 23	10.5 ON MAR 17	909 000	1978
1979	---	102 E ON MAY 28	13.5 ON APR 12	1 050 000	1979
1980	36.9 AT 03:30 EST ON MAY 27	36.9 ON MAY 26	10.2 E ON SEP 01	566 000	1980
1981	---	54.5E ON JUL 01	6.87 ON MAY 04	696 000	1981
1982	81.6 AT 19:01 EST ON JUN 10	81.3 ON JUN 10	13.8 E ON APR 05	1 060 000	1982
1983	82.0 AT 08:33 EST ON JUL 02	81.5E ON JUL 03	9.14 ON DEC 20	880 000	1983
1984	---	37.6 ON JUN 08	7.91 ON MAR 15	542 000	1984
1985	87.2 AT 09:22 EST ON JUL 08 *	86.3 ON JUL 08	10.2 E ON APR 15	1 100 000	1985
1986	---	---	---	---	1986
				943 000	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

SEVERN RIVER BELOW WASHAGO - STATION NO. 02EC004

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1963	18.2	17.9	14.5	7.09	21.7	32.0	15.3	12.4	12.6	12.2	11.8	6.44	15.1	1963
1964	10.3	7.71	8.54	9.52	8.36	12.3	16.2	15.2	17.2	13.5	17.2	13.0	12.4	1964
1965	5.15	5.22	6.72	22.1	54.7	16.8	12.5	12.8	12.9	9.10	10.4	38.9	17.4	1965
1966	41.1	39.9	33.3	11.6	10.3	24.9	25.7	17.0	15.2	12.1	5.32	6.11	20.1	1966
1967	23.4	31.8	37.0	7.49	8.27	30.3	89.8	64.2	30.2	26.4	46.8	61.4	39.6	1967
1968	55.4	48.9	45.9	19.5	14.9	45.7	26.2	22.9	22.1	19.3	15.8	20.4	26.5	1968
1969	46.5	49.2	22.1	28.1	78.2	26.0	16.1	17.2	18.7	14.7	8.41	7.51	27.6	1969
1970	14.9	18.0	16.3	31.4	26.0	18.5	31.1	34.2	23.9	17.9	26.7	41.4	25.1	1970
1971	30.0	29.2	20.1	28.8	13.6	14.1	20.2	23.5	21.2	26.0	17.7	7.93	22.7	1971
1972	6.92	20.3	52.5	38.0	58.5	36.0	28.7	36.2	31.4	16.6	23.8	46.6	33.2	1972
1973	45.4	41.3	18.8	68.2	50.5	22.5	24.1	22.6	17.7	15.2	15.7	41.0	31.9	1973
1974	31.3	42.5	32.8	56.6	73.2	26.1	26.9	36.8	24.3	11.5	26.7	31.4	35.0	1974
1975	29.1	28.8	52.8	38.5	51.5	17.3	15.0	15.8	13.6	11.1	9.99	4.17	24.0	1975
1976	22.5	49.5	45.2	45.0	57.9	19.7	35.6	36.0	40.5	31.0	21.0	20.6	35.3	1976
1977	22.6	23.9	16.8	18.9	20.4	16.8	17.4	19.9	21.4	40.8	39.1	45.3	25.3	1977
1978	51.2	48.3	41.9	36.5	42.0	31.3	19.6	16.9	25.6	22.4	12.6	19.7	30.0	1978
1979	14.8	48.2	40.2	34.0	66.3	35.7	21.8	19.4	21.4	21.1	17.9	27.7	30.6	1979
1980	48.9	12.1	16.2	77.8	39.1	22.1	20.2	63.4	37.7	19.6	19.3	28.5	34.5	1980
1981	52.0	48.7	43.2	24.3	23.5	28.0	23.8	21.0	35.2	28.6	26.8	30.8	31.8	1981
1982	37.7	45.1	44.1	37.2	17.1	42.9	33.2	27.1	31.3	25.8	14.2	37.4	32.7	1982
1983	59.7	52.2	47.1	45.0	59.0	26.8	17.5	16.8	21.4	17.1	11.4	16.0	29.9	1983
1984	31.4	43.1	47.7	28.6	24.5	35.0	25.6	25.7	34.9	21.1	10.5	8.30	28.0	1984
1985	31.1	50.6	62.1	50.8	35.5	20.8	20.5	25.2	41.3	47.8	54.5	42.7	40.1	1985
1986	43.9	35.6	38.8	18.2	22.7	46.6	34.1	45.4	54.7	73.7	61.0	57.0	44.4	1986
1987	33.4	25.6	30.8	17.1	14.9	16.1	14.7	31.5	17.5	17.3	36.7	46.6	26.6	1987
1988	42.0	49.0	22.8	8.61	9.20	15.2	12.8	14.4	19.3	21.6	24.9	25.6	22.0	1988
1989	22.6	25.7	12.4	12.7	42.2	45.7	36.5	18.6	20.8	16.0	27.1	43.7	26.5	1989
1990	30.7	42.3	40.2	62.3	34.9	26.1	28.8	36.3	18.4	17.1	22.1	30.6	32.4	1990
MEAN	32.4	35.0	30.6	31.5	35.7	26.9	26.0	26.7	25.1	22.4	22.7	28.5	28.6	MEAN

LOCATION - LAT 44 45 16 N
LONG 079 19 08 W REGULATED

REMARKS - DATA IS SUMMATION OF FLOWS AT STATIONS 02EC005, 02EC006, 02EC007 AND 02EC013

SEVERN RIVER BELOW WASHAGO - STATION NO. 02EC004

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1963	---	39.6 ON JUN 06	4.43 ON MAY 01	478 000	1963
1964	---	28.2 ON NOV 23	3.09 ON DEC 27	393 000	1964
1965	---	67.2R ON MAY 27	3.54 ON JAN 01	549 000	1965
1966	---	45.6 ON JAN 03	2.57 ON NOV 19 *	634 000	1966
1967	---	105 R ON JUL 02 *	4.31R ON APR 11	1 260 000	1967
1968	---	60.1R ON JAN 03	4.35R ON MAR 21	838 000	1968
1969	---	85.8 ON MAY 19	6.44 ON APR 10	871 000	1969
1970	---	59.2 ON APR 23	8.72 ON MAR 28	791 000	1970
1971	---	52.0 ON APR 14	4.92 ON DEC 10	716 000	1971
1972	---	86.0R ON MAY 18	6.05 ON JAN 01	1 050 000	1972
1973	---	84.6 ON APR 16	6.46 ON MAR 17	1 000 000	1973
1974	---	88.8 ON APR 16	10.2 ON OCT 21	1 100 000	1974
1975	---	76.9R ON MAY 06	2.78 ON DEC 11	756 000	1975
1976	---	63.0 ON APR 16	3.56 ON JAN 01	1 120 000	1976
1977	---	55.7R ON DEC 23	4.19 ON MAR 19	798 000	1977
1978	---	85.2 ON MAY 20	5.25 ON MAY 01	946 000	1978
1979	---	79.0 ON MAY 16	11.3 ON JAN 11	965 000	1979
1980	---	94.5R ON APR 17	9.09R ON FEB 09	1 090 000	1980
1981	---	74.7R ON MAR 03	14.4 ON APR 06	1 000 000	1981
1982	---	83.1 ON JUN 22	10.7 ON NOV 09	1 010 000	1982
1983	---	76.4 ON APR 16	5.74 ON NOV 17	942 000	1983
1984	---	58.4 ON JUN 04	5.88 ON DEC 15	884 000	1984
1985	---	83.3 ON MAY 02	8.09 ON JAN 01	1 270 000	1985
1986	---	87.4 ON SEP 30	11.7 ON MAY 12	1 400 000	1986
1987	---	54.7 ON DEC 31	7.11 ON MAR 25	841 000	1987
1988	---	54.7 ON JAN 01	7.07 ON MAY 06	696 000	1988
1989	---	86.7 ON JUN 27	3.78 ON MAR 16	836 000	1989
1990	---	82.8 ON APR 21	13.4 ON DEC 31	1 020 000	1990
				903 000	MEAN

* - EXTREME RECORDED FOR THE PERIOD OF RECORD
R - REVISED SINCE JAN 01 1989

SHAMATTAWA RIVER AT OUTLET OF SHAMATTAWA LAKE - STATION NO. 04DC002

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1967	---	---	---	---	---	---	47.4	20.1	8.80	8.80	13.9	8.60	---	1967
1968	4.56	2.57	2.21	25.3	159	36.9	12.9	32.4	20.2	86.3	89.7	19.4	41.1	1968
1969	7.18	5.17	4.09	3.56	156	117	34.0	12.7	30.8	75.9	27.7	15.6	41.1	1969
1970	8.81	5.52	3.89	3.19	84.9	131	51.2	42.8	120	135	59.9	20.2	55.7	1970
1971	9.09	5.66	4.29	8.90	250	58.3	19.4	---	---	---	88.4	30.9	---	1971
1972	11.2	4.10	4.63	1.23	162	87.4	42.3	19.7	61.3	112	35.2	15.6	46.4	1972
1973	7.85	5.69	3.73	4.89	215	135	111	13.0	20.8	45.2	26.1	9.36	50.4	1973
1974	5.75	4.21	3.31	2.76	88.0	194	57.2	23.4	53.7	34.3	12.5	5.88	40.4	1974
1975	4.85	4.35	3.99	4.87	144	74.5	55.7	142	72.5	65.2	34.1	11.2	51.9	1975
1976	5.54	3.39	2.56	8.28	189	88.2	20.7	5.98	2.16	2.84	2.52	1.81	27.9	1976
1977	1.41	1.19	1.16	33.5	60.0	26.7	4.69	11.2	41.8	28.6	14.4	6.61	19.3	1977
1978	4.29	3.31	2.72	2.31	103	85.4	65.6	112	73.2	54.8	39.7	14.0	47.0	1978
1979	7.11	4.41	3.86	105	174	60.3	15.8	22.5	17.8	23.2	40.4	14.8	41.0	1979
1980	7.90	4.58	2.46	2.54	222	82.1	48.6	37.2	52.0	102	29.1	10.5	50.3	1980
1981	6.27	5.08	4.37	3.90	208	112	17.1	13.2	17.1	41.2	23.0	7.66	38.5	1981
1982	4.95	3.71	2.98	2.65	205	80.6	56.8	74.0	72.2	71.5	31.6	13.0	52.0	1982
1983	8.05	5.18	2.98	2.07	157	45.0	45.3	18.6	24.1	49.0	30.2	12.9	33.6	1983
1984	6.58	3.84	2.37	66.8	121	28.4	12.2	5.38	7.73	13.4	8.09	6.19	23.5	1984
1985	5.04	4.41	4.01	6.55	310	223	50.8	19.6	30.0	79.5	71.3	18.2	68.8	1985
1986	8.83	5.01	3.32	4.72	212	59.2	17.5	11.7	49.5	38.4	21.2	10.4	37.1	1986
1987	6.57	4.48	3.89	56.5	80.8	32.8	32.1	16.5	144	51.1	23.7	9.79	38.5	1987
1988	4.76	3.15	2.70	4.34	161	48.5	10.6	6.37	56.1	75.1	40.7	15.5	35.9	1988
1989	6.69	4.26	3.11	2.61	144	72.0	19.3	5.30	18.3	68.8	28.8	6.26	31.9	1989
1990	2.18	1.04	0.878	1.24	118	60.4	13.9	3.24	3.55	7.80	8.29	3.87	18.9	1990
MEAN	6.32	4.10	3.14	15.6	162	84.3	36.7	29.1	43.4	55.2	33.3	12.0	40.5	MEAN

LOCATION - LAT 54 17 00 N DRAINAGE AREA, 4 710 km²
LONG 085 39 00 W NATURAL FLOW

SHAMATTAWA RIVER AT OUTLET OF SHAMATTAWA LAKE - STATION NO. 04DC002

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1967	---	---	---	---	1967
1968	---	213 ON MAY 18	1.84 ON APR 11	1 300 000	1968
1969	---	255E ON MAY 20	3.40 B ON APR 22	1 300 000	1969
1970	---	280E ON MAY 27	3.03 B ON APR 28	1 760 000	1970
1971	---	---	---	---	1971
1972	263E ON MAY 17	263E ON MAY 17	1.19 B ON APR 08	1 470 000	1972
1973	530 AT 20:49 EST ON MAY 24 *	530 ON MAY 24 *	4.96 B ON APR 08	1 590 000	1973
1974	243 AT 08:57 EST ON JUN 23	240 ON JUN 22	2.61 B ON APR 22	1 280 000	1974
1975	---	243E ON MAY 07	3.71 B ON APR 18	1 640 000	1975
1976	---	348E ON MAY 19	1.50 ON SEP 21	884 000	1976
1977	136 AT 12:20 EST ON APR 28	135 ON APR 28	1.15 B ON MAR 03	609 000	1977
1978	408 AT 21:39 EST ON MAY 19	404 ON MAY 20	2.18 B ON APR 25	1 480 000	1978
1979	399 AT 16:08 EST ON APR 25	384 ON APR 25	3.20 B ON MAR 17	1 290 000	1979
1980	384 AT 01:17 EST ON MAY 06	380 ON MAY 06	1.76 B ON APR 06	1 590 000	1980
1981	410 AT 19:59 EST ON MAY 17	407 ON MAY 17	3.80 B ON APR 15	1 210 000	1981
1982	---	380E ON MAY 11	2.50 B ON APR 29	1 640 000	1982
1983	---	380B ON MAY 14	1.98 B ON APR 19	1 060 000	1983
1984	270 AT 18:46 EST ON APR 30	269 ON APR 30	1.68 B ON APR 12	744 000	1984
1985	523 AT 04:02 EST ON MAY 08	519 ON MAY 08	3.80 B ON APR 11	2 170 000	1985
1986	397 AT 14:06 EST ON MAY 18	395 ON MAY 18	3.05 B ON MAR 26	1 170 000	1986
1987	205 AT 07:23 EST ON SEP 18	203 ON SEP 17	3.70 B ON MAR 11	1 210 000	1987
1988	264 AT 02:33 EST ON MAY 07	255 ON MAY 07	2.65 B ON MAR 17	1 140 000	1988
1989	254 AT 02:22 EST ON MAY 16	247 ON MAY 16	2.56 B ON APR 21	1 000 000	1989
1990	---	228E ON MAY 19	0.835B ON MAR 11 *	595 000	1990
				1 280 000	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

SHAMANAGA RIVER AT HIGHWAY NO. 69 - STATION NO. 02EA012

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1974	---	---	---	20.4	7.77	3.10	0.850	0.093	0.090	2.07	9.03	3.53	---	1974
1975	4.54	2.98	4.37	14.8	6.47	1.00	0.164	0.045	2.79	2.20	4.81	9.61	4.48	1975
1976	2.75	3.02	12.3	13.9	3.91	1.26	0.464	0.083	0.044	0.053	0.667	1.94	3.36	1976
1977	1.44	1.23	4.07	11.6	1.58	0.296	0.039	0.020	0.607	4.06	8.42	6.70	3.33	1977
1978	2.56	1.55	1.29	16.4	5.07	1.38	---	---	---	---	---	---	---	1978
MEAN	2.82	2.20	5.51	15.4	4.96	1.41	0.379	0.060	0.883	2.10	5.73	5.45	3.72	MEAN

LOCATION - LAT 45 32 58 N DRAINAGE AREA, 235 km²
LONG 080 17 05 W NATURAL FLOW

SHAMANAGA RIVER AT HIGHWAY NO. 69 - STATION NO. 02EA012

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1974	48.1 AT 03:46 EST ON APR 16 *	47.3 ON APR 16 *	0.027 ON SEP 16	---	1974
1975	37.9 AT 14:56 EST ON APR 25	37.7 ON APR 25	0.005 ON AUG 24	141 000	1975
1976	37.1 AT 02:34 EST ON APR 02	36.5 ON APR 02	0.026 ON SEP 08	106 000	1976
1977	---	22.1E ON APR 05	0.003 ON JUL 28 *	105 000	1977
1978	27.8 AT 18:12 EST ON APR 21	27.8 ON APR 21	---	---	1978
	E - ESTIMATED	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		117 000	MEAN

SHEBANDOWAN RIVER AT GLENWATER - STATION NO. 02AB005

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1923	---	---	---	---	---	---	---	---	13.2	8.35	8.83	9.91	---	1923
1924	6.80	3.68	3.11	8.49	12.8	8.39	18.3	11.0	20.6	21.7	21.4	10.7	12.3	1924
1925	9.06	5.78	4.73	21.6	18.6	36.4	15.0	13.3	17.7	15.3	13.6	9.91	15.1	1925
1926	8.07	5.66	6.37	11.3	18.5	30.1	46.0	32.3	22.3	22.3	17.4	17.5	19.9	1926
1927	11.3	10.5	13.1	50.3	108	50.8	28.2	11.2	9.60	17.6	11.2	6.87	27.5	1927
1928	5.87	4.31	3.76	5.36	25.9	26.7	18.9	13.3	21.5	20.9	15.9	12.2	14.6	1928
1929	7.03	5.35	7.50	28.3	24.0	26.8	18.0	4.98	8.23	9.46	14.7	11.9	13.9	1929
1930	8.62	6.75	3.46	7.69	25.9	32.6	22.8	11.7	6.70	7.06	4.50	7.79	12.2	1930
1931	3.99	5.59	3.24	7.78	24.0	37.6	16.5	1.12	0.754	6.04	11.4	---	---	1931
1932	---	---	---	---	55.6	32.8	24.0	11.9	2.70	2.21	6.88	1.81	---	1932
1933	1.02	0.821	7.02	37.9	54.2	25.2	11.5	9.87	6.64	12.0	---	---	---	1933
1934	---	---	---	---	107	44.1	22.7	11.4	11.1	13.6	15.6	11.0	---	1934
1935	10.1	13.5	16.5	51.3	70.2	37.8	21.1	16.1	10.2	9.76	11.7	10.4	23.2	1935
1936	9.06	8.01	7.48	12.7	91.1	38.6	12.3	6.42	3.99	3.11	7.25	5.23	17.3	1936
1937	5.24	6.32	13.9	36.9	86.7	50.6	17.3	12.5	12.0	15.8	14.4	7.56	23.4	1937
1938	7.28	11.4	9.66	51.2	89.5	62.7	29.2	17.1	9.10	4.41	7.80	5.09	25.2	1938
1939	5.41	7.24	17.4	37.2	52.9	36.9	50.7	16.3	7.09	7.78	5.97	7.32	21.1	1939
1940	7.90	7.37	6.38	4.17	17.8	32.6	18.1	6.06	4.36	3.78	9.10	9.05	10.6	1940
1941	9.15	7.88	6.97	32.3	22.9	42.4	9.63	18.3	51.5	58.3	26.6	9.27	24.6	1941
1942	12.4	10.3	8.54	17.8	58.4	31.1	29.9	16.7	7.35	9.19	11.6	11.0	18.7	1942
1943	11.2	12.8	16.8	24.4	40.3	115	50.4	16.9	14.2	14.4	22.5	16.4	29.6	1943
1944	10.2	10.2	13.6	30.9	79.0	84.4	51.7	59.9	27.2	16.0	23.7	20.5	35.7	1944
1945	16.5	13.8	19.6	64.0	26.4	23.5	22.1	17.6	15.0	8.48	7.15	7.82	20.1	1945
1946	8.04	13.0	18.7	42.3	37.2	28.6	29.2	9.74	12.0	33.1	33.2	21.0	23.9	1946
1947	16.8	14.2	15.9	11.9	70.8	116	34.6	19.6	17.8	14.0	14.2	9.85	29.6	1947
1948	9.90	13.2	15.6	38.9	43.7	23.8	22.1	25.1	13.4	4.06	6.12	10.2	18.0	1948
1949	11.9	11.6	14.5	30.8	31.2	23.9	21.0	12.0	8.60	18.7	14.4	16.6	18.0	1949
1950	15.5	13.3	13.6	29.4	191	93.3	79.5	37.1	29.5	42.7	23.5	22.9	49.6	1950
1951	19.7	14.7	19.8	36.0	155	44.7	25.3	14.4	23.1	31.2	24.4	23.5	36.2	1951
1952	15.0	15.9	18.0	50.4	42.2	27.1	50.3	34.6	24.7	10.6	15.4	13.0	26.5	1952
1953	11.5	11.9	13.0	24.3	42.7	83.2	29.0	15.8	14.8	14.3	11.9	12.5	23.7	1953
1954	11.1	14.6	12.1	30.6	123	58.9	21.1	9.60	9.06	9.10	7.32	7.58	26.2	1954
1955	9.48	9.10	12.7	34.1	16.7	7.19	7.28	4.25	7.44	12.7	14.6	13.9	12.4	1955
1956	14.2	14.6	11.5	21.5	67.1	46.1	23.3	10.6	4.84	2.21	8.05	8.67	19.4	1956
1957	8.24	10.1	13.7	44.1	48.0	46.1	37.2	8.92	9.58	---	---	---	---	1957
MEAN	9.92	9.80	11.5	29.2	58.2	44.3	27.2	15.8	13.6	14.8	14.0	11.5	22.4	MEAN

LOCATION - LAT 48 32 36 N
LONG 089 47 00 W

DRAINAGE AREA, 2 560 km^2
REGULATED

SHEBANDOWAN RIVER AT GLENWATER - STATION NO. 02AB005

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1923	---	---	---	---	1923
1924	---	79.3 ON SEP 22	2.63 ON JUL 03	388 000	1924
1925	---	75.6 ON APR 25	4.73 B ON MAR 01	476 000	1925
1926	---	93.7 ON JUL 10	4.98 ON MAY 29	628 000	1926
1927	---	176 ON MAY 15	6.26 B ON DEC 30	867 000	1927
1928	---	45.6 ON MAY 04	3.17 B ON MAR 20	461 000	1928
1929	---	67.7 ON APR 06	0.453 ON SEP 02	437 000	1929
1930	---	56.9 ON JUN 14	0.765B ON NOV 11	384 000	1930
1931	---	66.0 ON MAY 28	0.311 ON AUG 27 *	---	1931
1932	---	---	---	---	1932
1933	---	100 ON MAY 01	---	---	1933
1934	---	155 B ON MAY 12	---	---	1934
1935	---	186 ON APR 27	4.04 ON SEP 23	733 000	1935
1936	---	162 ON MAY 08	2.27 ON SEP 12	548 000	1936
1937	---	143 ON MAY 01	5.24 B ON JAN 01	737 000	1937
1938	---	191 ON MAY 02	1.27 ON OCT 29	794 000	1938
1939	---	136 ON APR 30	3.03 ON OCT 03	666 000	1939
1940	---	43.0 ON JUN 13	0.765 ON APR 28	334 000	1940
1941	---	128 ON JUN 08	3.91 B ON APR 08	775 000	1941
1942	---	90.0 ON MAY 16	4.67 ON APR 09	591 000	1942
1943	---	209 ON JUN 16	6.14 ON AUG 22	934 000	1943
1944	---	175 ON MAY 14	7.65 B ON JAN 30	1 130 000	1944
1945	---	146 ON APR 13	4.25 ON AUG 29	635 000	1945
1946	---	75.9 ON APR 24	3.62 ON SEP 02	754 000	1946
1947	---	328 ON JUN 11	7.25 ON APR 14	934 000	1947
1948	---	112 ON APR 27	3.26 ON OCT 09	569 000	1948
1949	---	65.4 ON MAY 06	6.77 ON SEP 11	567 000	1949
1950	---	357 ON MAY 12	13.3 B ON FEB 01	1 560 000	1950
1951	---	365 ON MAY 02 *	9.94 ON AUG 29	1 140 000	1951
1952	---	160 ON APR 22	8.58 ON OCT 20	836 000	1952
1953	---	187 ON JUN 01	9.85 B ON JAN 07	749 000	1953
1954	---	223 ON MAY 02	6.31 B ON DEC 05	827 000	1954
1955	---	54.7 ON APR 19	3.57 ON AUG 11	392 000	1955
1956	---	127 ON JUN 01	1.42 ON OCT 06	614 000	1956
1957	---	196 ON APR 26	---	---	1957
	B - ICE CONDITIONS	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		706 000	MEAN

SHEBANDOWAN RIVER AT OUTLET OF SHEBANDOWAN LAKE - STATION NO. 02AB011

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1924	---	---	---	---	---	---	6.71	4.06	1.14	2.48	10.0	7.52	---	1924
1925	6.82	3.77	2.79	0	2.72	7.05	2.23	6.79	11.5	9.35	8.40	7.03	5.70	1925
1926	3.54	4.33	3.87	1.77	0	4.29	7.63	21.1	5.97	9.284	5.96	9.79	5.74	1926
1927	7.44	6.42	9.81	10.5	35.9	20.7	4.50	4.30	5.98	9.76	7.76	5.48	10.7	1927
1928	3.75	2.20	2.01	0.271	2.25	5.47	3.20	7.30	5.39	9.60	7.47	6.10	4.92	1928
1929	5.44	4.07	3.79	0.830	6.89	6.46	5.45	1.20	0.658	1.10	5.10	4.62	3.80	1929
1930	4.68	2.52	0.701	0	0.113	4.14	6.42	7.67	3.56	0	0.949	3.50	2.87	1930
1931	2.54	1.85	1.07	1.17	3.44	11.6	10.1	0.010	0	0	2.14	8.37	5.54	1931
1932	8.49	8.53	10.7	2.52	13.0	19.4	11.0	3.28	0	0	0.118	0.430	6.45	1932
1933	0.970	1.24	4.52	8.46	10.4	6.95	4.97	5.61	2.99	2.89	3.78	4.60	4.80	1933
1934	7.71	10.1	13.0	2.23	37.7	25.2	12.5	6.63	3.37	0.039	4.56	4.72	10.7	1934
1935	5.39	7.31	10.3	2.89	15.5	15.8	10.3	8.59	1.05	0.203	3.98	7.19	7.39	1935
1936	7.36	8.06	11.2	6.01	10.9	16.4	6.99	2.87	0	1.57	3.02	2.72	6.42	1936
1937	2.44	4.54	7.37	2.46	18.8	20.1	4.91	5.75	6.69	1.04	0.748	2.35	6.44	1937
1938	5.11	9.05	6.65	5.79	28.1	25.6	14.3	5.49	1.56	1.69	0.136	2.59	8.84	1938
1939	4.18	6.25	12.4	9.40	5.18	13.4	29.3	7.60	2.56	0.682	1.83	4.21	8.11	1939
1940	5.76	6.64	5.45	1.41	0.942	9.24	8.15	1.89	2.30	1.88	3.63	5.66	4.40	1940
1941	7.73	7.31	6.31	1.10	2.92	0.693	2.29	12.5	12.7	28.7	11.8	10.1	8.72	1941
1942	10.8	7.33	4.98	0.564	10.1	7.38	13.4	10.8	2.34	2.04	4.15	7.79	6.76	1942
1943	10.5	11.7	11.4	2.49	2.43	42.8	30.9	8.09	0.879	2.31	7.99	8.23	11.6	1943
1944	7.79	7.98	7.98	4.77	15.3	31.0	24.7	27.3	9.14	2.55	3.49	6.18	12.4	1944
1945	7.24	8.46	7.01	11.5	5.70	9.18	7.67	9.11	0.425	0.765	1.08	2.51	5.87	1945
1946	5.32	7.07	4.93	2.26	9.65	6.37	11.0	4.96	2.61	1.68	7.01	7.05	5.83	1946
1947	6.20	7.49	9.43	2.68	2.84	23.9	12.4	7.30	4.61	5.04	4.66	4.64	7.58	1947
1948	4.49	8.21	7.99	2.55	3.94	6.93	4.11	6.04	5.47	0.810	1.43	4.62	4.74	1948
1949	6.16	6.51	6.20	1.21	0.905	8.85	8.92	3.99	2.40	0.744	2.16	6.43	4.53	1949
1950	6.32	5.54	4.80	2.43	29.9	35.3	36.9	12.9	10.8	10.8	4.79	6.77	14.0	1950
1951	9.03	8.96	7.38	2.45	21.4	14.4	8.26	5.30	3.24	5.53	6.80	7.45	8.36	1951
1952	7.36	7.86	9.06	2.77	6.14	5.90	17.2	5.32	4.68	1.69	4.81	5.03	6.67	1952
1953	5.77	7.29	6.27	0.682	1.33	29.7	15.9	5.70	5.25	5.38	5.91	6.19	7.93	1953
1954	6.66	9.91	9.61	3.29	30.0	27.3	8.78	2.18	1.44	1.42	1.43	4.81	8.90	1954
1955	4.44	5.75	7.76	4.10	1.42	1.42	1.42	1.42	1.42	1.42	2.61	6.81	3.32	1955
1956	7.97	9.66	7.96	2.72	9.13	22.4	9.78	4.88	0.450	0	2.42	4.86	6.82	1956
1957	5.04	8.25	7.84	2.52	9.18	18.2	16.1	5.18	6.62	1.11	2.50	6.57	7.32	1957
1958	7.47	7.82	6.58	1.61	2.95	4.36	7.68	2.90	1.92	2.69	3.25	6.71	4.64	1958
1959	7.91	7.57	6.57	0.266	2.08	13.7	6.93	3.09	9.88	3.95	8.53	10.4	6.72	1959
1960	10.0	8.71	6.33	1.40	0.085	5.28	2.44	0.665	4.63	4.56	2.82	6.35	4.43	1960
1961	7.71	11.4	9.34	4.46	6.70	14.4	5.59	0.085	11.6	5.42	6.78	6.36	7.43	1961
1962	7.43	7.65	9.90	3.76	3.71	14.2	11.0	11.9	5.78	3.45	5.05	6.96	7.74	1962
1963	7.26	7.59	5.06	1.42	1.93	26.3	10.9	6.20	4.40	0.198	0.279	4.02	6.27	1963
1964	2.45	2.13	14.1	3.92	16.0	30.1	27.1	2.69	9.41	9.46	5.66	5.40	10.7	1964
1965	5.65	4.64	6.56	8.10	12.2	21.6	10.3	0.702	12.7	14.5	5.35	8.42	9.23	1965
1966	13.1	13.5	11.6	15.0	21.6	20.6	2.42	6.67	4.80	2.32	0.978	1.79	9.50	1966
1967	5.42	4.65	12.9	6.10	8.41	17.9	9.49	15.9	1.47	0.450	3.89	9.29	8.00	1967
1968	9.96	8.20	7.47	0.628	29.3	49.7	35.4	24.8	14.9	6.22	22.0	17.5	18.7	1968
1969	12.8	10.1	9.44	9.40	28.0	19.0	17.7	0.425	0.425	0.425	0.425	1.80	9.17	1969
1970	6.37	10.7	13.3	4.75	18.4	33.9	2.99	0.425	0.425	7.44	21.9	11.1	10.9	1970
1971	9.44	9.05	12.0	6.46	22.0	17.3	2.87	7.86	3.62	9.38	26.4	10.7	11.4	1971
1972	10.6	7.87	4.98	7.83	12.4	7.02	9.34	4.46	0.425	0.425	5.87	5.54	6.62	1972
1973	1.63	3.59	7.77	11.9	5.42	4.67	7.39	4.79	4.08	6.79	10.1	8.60	6.41	1973
1974	6.21	6.38	5.44	5.05	19.1	18.8	5.25	0.462	7.43	2.63	11.2	9.25	8.10	1974
1975	6.27	4.46	1.47	0.886	8.29	7.91	6.05	1.69	0.910	0.254	0.280	0.734	3.27	1975
1976	5.82	6.80	7.87	13.5	7.09	3.29	6.27	0.142	0.142	0.142	0.142	2.65	4.47	1976
1977	4.07	3.73	2.64	0.142	0.142	0.142	6.45	2.31	36.4	24.5	5.80	8.41	7.89	1977
1978	8.94	6.29	3.19	1.55	5.66	19.1	10.2	1.92	8.46	4.93	5.78	3.42	6.61	1978
1979	2.23	1.52	2.95	3.26	22.0	13.8	1.37	0.280	0.280	0.280	1.91	4.39	4.55	1979
1980	5.02	7.98	10.1	3.09	0	0	2.21	0	6.38	6.44	4.60	3.65	4.11	1980
1981	2.16	2.94	2.70	3.51	16.9	7.39	1.19	0.150	0.150	0.150	0.150	2.61	3.43	1981
1982	5.02	4.73	2.75	2.02	11.0	1.22	38.9	4.97	0	12.7	9.27	9.09	8.22	1982
1983	7.16	3.27	8.27	0.712	1.16	18.3	25.0	0	0	0	0	5.97	6.00	1983
1984	9.53	3.95	0.023	0.040	11.0	14.4	4.76	0	0	0	0	0	3.64	1984
1985	---	---	---	---	0	8.64	11.7	0.585	16.0	24.7	2.41	---	---	1985
1986	---	---	---	0.468	28.2	---	---	0.701	0.190	0	---	---	---	1986
1987	---	---	---	0	0	0	0	0	0.110	---	---	---	---	1987
1988	---	---	---	---	0.594	---	1.65	---	---	---	---	---	---	1988
1989	11.9	8.00	3.24	1.24	20.0	7.01	8.48	1.02	---	---	---	8.48	---	1989
1990	---	1.25	6.20	2.08	8.13	---	---	0	0	0	3.61	---	---	1990
MEAN	6.54	6.59	7.03	3.64	10.7	14.7	10.4	5.19	4.59	4.19	4.99	5.94	7.17	MEAN

LOCATION - LAT 48 37 11 N
LONG 090 03 42 W

REGULATED SINCE 1924

REMARKS - DAILY DISCHARGES PRIOR TO 1975 HAVE NOT BEEN PUBLISHED. DATA PUBLISHED AS RECEIVED FROM CONTRIBUTOR.

SHEBANDOWAN RIVER AT OUTLET OF SHEBANDOWAN LAKE - STATION NO. 02AB011

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1924	---	---	---	---	1924
1925	---	17.4R ON JUN 27	0 ON MAR 28 *	180 000	1925
1926	---	27.7 ON AUG 19	0 R ON APR 17	181 000	1926
1927	---	39.4R ON MAY 17	0 R ON APR 21	338 000	1927
1928	---	11.6R ON JUN 05	0 R ON APR 05	156 000	1928
1929	---	11.2R ON MAY 03	0 E ON APR 07	120 000	1929
1930	---	12.3R ON AUG 11	0 ON MAR 16	90 400	1930
1931	---	21.1R ON JUN 20	0 R ON APR 09	112 000	1931
1932	---	29.4R ON MAY 26	0 R ON APR 11	204 000	1932
1933	---	14.0R ON MAY 29	0.227 ON APR 22	151 000	1933
1934	---	56.6 ON MAY 16	0 R ON APR 09	337 000	1934
1935	---	23.7 ON JUL 04	0 R ON APR 14	233 000	1935
1936	---	23.1R ON MAY 20	0 R ON APR 18	203 000	1936
1937	---	24.9R ON MAY 18	0 R ON APR 15	203 000	1937
1938	---	39.6R ON JUN 15	0 R ON MAR 24	279 000	1938
1939	---	38.2R ON JUL 08	0.057R ON APR 21	256 000	1939
1940	---	17.7 ON JUN 13	0.085 ON MAY 01	139 000	1940
1941	---	39.9 ON OCT 01	0 R ON APR 08	275 000	1941
1942	---	26.7 ON MAY 16	0.113R ON APR 05	213 000	1942
1943	---	58.6R ON JUN 10	0.198R ON SEP 08	366 000	1943
1944	---	45.9R ON AUG 17	0.311R ON APR 18	391 000	1944
1945	---	24.2R ON APR 17	0.311R ON MAR 24	185 000	1945
1946	---	20.6R ON JUL 21	0.425 ON AUG 16	184 000	1946
1947	---	48.1 ON JUN 16	0.425R ON APR 11	239 000	1947
1948	---	14.2R ON SEP 09	0.425 ON APR 13	150 000	1948
1949	---	16.1R ON JUN 26	0 R ON APR 20	143 000	1949
1950	---	49.0 ON MAY 25	0.085 ON APR 19	442 000	1950
1951	---	30.9R ON MAY 09	0.227R ON JUN 30	264 000	1951
1952	---	22.0 ON JUL 13	0.085R ON SEP 24	211 000	1952
1953	---	40.8 ON JUN 01	0.085R ON APR 05	250 000	1953
1954	---	39.1 ON JUN 19	0.085 ON APR 13	281 000	1954
1955	---	10.2 ON MAR 28	1.42 R ON APR 12	105 000	1955
1956	---	33.7R ON JUN 02	0 ON SEP 10	216 000	1956
1957	---	27.1 ON JUN 25	0 R ON APR 21	231 000	1957
1958	---	13.1 ON FEB 25	0.085 ON APR 07	146 000	1958
1959	---	32.3 ON JUN 13	0.085R ON APR 03	212 000	1959
1960	---	11.4 ON JAN 01	0.085R ON APR 12	140 000	1960
1961	---	32.0R ON SEP 12	0.085 ON APR 10	234 000	1961
1962	---	21.3 ON MAY 25	0.198 ON APR 25	244 000	1962
1963	---	45.0R ON JUN 14	0.198R ON APR 02	198 000	1963
1964	---	45.3 ON JUN 25	0.198R ON JAN 17	339 000	1964
1965	---	40.5R ON MAY 27	0.198R ON AUG 05	291 000	1965
1966	---	34.3R ON MAY 30	0.198R ON JUN 18	300 000	1966
1967	---	34.5R ON JUL 02	0.057R ON OCT 30	252 000	1967
1968	---	72.2 ON JUN 13 *	0.057 ON MAR 31	393 000	1968
1969	---	35.1R ON MAY 14	0.425R ON JUL 30	289 000	1969
1970	---	49.3 ON JUN 01	0.283R ON APR 21	345 000	1970
1971	---	44.5R ON MAY 27	0.142 ON APR 01	360 000	1971
1972	---	18.3R ON MAY 14	0.142R ON JUN 06	209 000	1972
1973	---	14.8 ON APR 10	0.142R ON MAY 24	202 000	1973
1974	---	23.9R ON JUN 08	0.142R ON JUL 30	255 000	1974
1975	---	19.9R ON JUN 24	0.142R ON OCT 18	103 000	1975
1976	---	21.0R ON APR 26	0.142 ON MAY 31	141 000	1976
1977	---	47.9 ON SEP 11	0.142 ON MAR 17	249 000	1977
1978	---	24.7 ON JUN 08	0 ON AUG 13	208 000	1978
1979	---	34.9 ON MAY 20	0 ON NOV 12	143 000	1979
1980	---	17.2 ON SEP 16	0 ON APR 18	130 000	1980
1981	---	28.4 ON MAY 08	0 ON APR 04	108 000	1981
1982	---	61.6 ON JUL 13	0 ON AUG 20	259 000	1982
1983	---	52.8 ON JUL 05	0 ON APR 06	189 000	1983
1984	---	22.1 ON JUN 14	0 ON FEB 18	115 000	1984
1985	---	43.0 ON SEP 24	---	---	1985
1986	---	---	---	---	1986
1987	---	---	---	---	1987
1988	---	49.9 ON AUG 17	0 ON MAR 02	---	1988
1989	---	---	---	---	1989
1990	---	52.1 ON JUN 19	0 ON APR 06	---	1990
	E - ESTIMATED	* - EXTREME RECORDED FOR THE PERIOD OF RECORD R - REVISED SINCE JAN 01 1989		226 000	MEAN

SHEBANDOWAN RIVER AT SUNSHINE - STATION NO. 02AB009

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1957	---	---	---	---	---	---	---	---	---	6.03	10.2	15.5	---	1957
1958	15.9	13.7	12.8	30.7	16.7	21.8	28.2	8.14	10.2	13.3	18.0	21.3	16.9	1958
1959	9.66	10.8	12.6	21.3	32.9	35.7	17.4	21.1	43.7	27.0	20.4	16.2	22.4	1959
1960	14.5	12.9	14.4	26.8	29.3	17.3	7.83	5.48	11.3	13.1	22.4	12.5	15.6	1960
1961	13.9	14.3	19.9	37.4	40.1	31.3	16.3	7.18	35.6	24.5	26.3	13.2	23.5	1961
1962	13.7	13.8	15.2	42.4	49.8	42.9	27.9	41.3	22.0	12.0	13.5	15.6	24.2	1962
1963	14.7	11.8	6.13	27.4	30.4	84.6	28.7	16.2	12.2	4.07	5.72	7.19	20.5	1963
1964	6.11	4.86	17.3	41.9	76.8	92.7	52.5	13.4	26.7	28.7	17.8	10.2	32.4	1964
1965	8.31	7.44	11.8	39.5	76.7	47.6	24.5	9.00	33.9	53.7	18.6	19.0	29.3	1965
1966	10.2	10.1	20.3	58.9	101	44.7	14.1	11.7	8.05	12.9	7.12	7.53	27.0	1966
1967	14.5	9.38	19.6	66.6	62.3	36.9	16.5	29.1	5.69	4.93	8.15	11.8	23.8	1967
1968	6.39	9.16	16.2	52.1	67.3	113	74.9	27.4	19.7	27.3	28.4	18.3	38.4	1968
1969	13.9	13.7	19.4	84.2	58.5	35.9	26.2	16.0	6.19	11.0	8.18	6.95	25.0	1969
1970	11.0	15.6	20.8	41.6	100	66.7	26.0	8.38	5.54	28.2	63.1	41.0	36.5	1970
1971	17.5	16.6	21.0	78.2	88.5	43.6	13.1	11.3	9.02	30.3	54.5	27.7	34.2	1971
1972	14.7	13.4	18.2	48.1	79.9	33.4	33.5	15.7	6.96	8.20	12.5	9.59	24.5	1972
1973	6.69	11.6	25.1	51.0	37.7	25.1	21.9	18.8	30.8	30.8	28.6	15.5	25.2	1973
1974	12.7	12.3	15.4	48.9	79.1	52.5	19.8	9.69	24.6	20.5	30.1	22.2	29.0	1974
1975	18.5	14.5	9.69	37.2	46.8	32.5	18.9	8.86	7.94	8.93	7.83	7.36	18.2	1975
1976	10.8	11.9	25.1	100	34.7	24.4	14.3	4.20	2.69	2.60	2.62	2.79	20.2	1976
1977	4.39	3.91	5.21	14.8	9.97	9.18	13.7	14.2	107	70.7	33.1	28.2	26.2	1977
1978	20.2	14.8	10.6	35.9	54.7	66.7	20.1	14.0	21.7	20.1	14.1	8.39	25.8	1978
1979	6.45	5.29	8.53	45.4	88.9	42.2	13.4	8.50	10.6	6.25	10.0	7.55	21.1	1979
1980	7.37	10.8	13.7	31.4	15.9	5.67	9.55	7.10	44.6	28.3	20.4	12.8	17.2	1980
1981	10.0	10.2	12.7	68.5	54.0	44.9	15.9	5.43	3.52	8.13	6.30	6.51	20.5	1981
1982	5.97	5.73	6.80	32.9	61.6	27.4	94.4	26.8	12.1	50.2	44.8	27.2	33.3	1982
1983	16.5	12.6	15.8	29.8	40.4	52.7	49.1	19.8	15.4	23.7	16.3	19.5	26.0	1983
1984	17.4	13.1	8.63	44.6	55.8	45.6	21.0	13.5	8.86	13.6	9.90	9.77	21.8	1984
1985	11.6	10.4	10.1	36.1	52.1	47.7	42.5	18.2	39.7	56.3	31.9	25.7	32.0	1985
1986	11.9	11.7	12.5	64.2	90.3	29.1	21.6	11.5	10.7	8.93	12.7	6.84	24.8	1986
1987	5.16	4.66	7.42	9.94	10.3	6.25	3.21	20.1	15.1	19.2	15.7	10.5	10.7	1987
1988	6.54	5.63	7.24	23.8	43.0	11.9	5.13	45.3	40.7	18.3	27.5	20.9	19.7	1988
1989	18.2	17.4	8.95	39.1	75.0	31.2	24.0	11.9	12.0	9.60	9.82	6.20	22.0	1989
1990	5.49	5.40	6.90	27.3	38.9	50.2	40.6	10.1	4.02	8.27	8.42	9.22	17.9	1990
MEAN	11.8	11.2	14.2	43.1	53.9	41.0	26.2	15.4	20.3	20.9	19.5	14.5	24.4	MEAN

LOCATION - LAT 48 33 20 N
LONG 089 40 55 W

DRAINAGE AREA, 2 800 km²
REGULATED

SHEBANDOWAN RIVER AT SUNSHINE - STATION NO. 02AB009

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)		MAXIMUM DAILY DISCHARGE (m^3/s)		MINIMUM DAILY DISCHARGE (m^3/s)		TOTAL DISCHARGE (dam^3)	YEAR
1957	---		---		---		---	1957
1958	---		58.3	ON JUL 09	2.63	ON SEP 19	533 000	1958
1959	---		105	ON SEP 07	9.06	ON AUG 05	706 000	1959
1960	---		60.0	ON MAY 01	2.01	ON AUG 05	494 000	1960
1961	---		108	ON APR 21	3.37	ON AUG 24	741 000	1961
1962	---		78.7	ON MAY 25	8.27	ON NOV 05	764 000	1962
1963	---		173	ON JUN 11	3.28	ON OCT 21	648 000	1963
1964	---		166	ON JUN 24	1.98B	ON JAN 19	1 030 000	1964
1965	---		148	ON OCT 01	3.96	ON AUG 27	924 000	1965
1966	---		148	ON APR 27	2.39	ON AUG 02	850 000	1966
1967	---		121	ON APR 17	4.69	ON JUL 28	752 000	1967
1968	---		351	ON JUN 08 *	5.13B	ON JAN 19	1 210 000	1968
1969	---		167	ON APR 17	4.39	ON SEP 21	789 000	1969
1970	---		163	ON MAY 01	1.33	ON AUG 19 *	1 150 000	1970
1971	222	AT 22:49 CST ON MAY 25	210	ON MAY 25	5.44B	ON APR 04	1 080 000	1971
1972	201	AT 08:07 CST ON MAY 02	195	ON MAY 02	5.55	ON SEP 19	776 000	1972
1973	104	AT 04:17 CST ON APR 22	103	ON APR 22	5.86B	ON JAN 21	796 000	1973
1974	131	AT 05:39 CST ON APR 28	126	ON APR 28	5.55	ON AUG 19	915 000	1974
1975	90.6	AT 05:48 CST ON APR 26	89.5	ON APR 28	5.92	ON NOV 09	576 000	1975
1976	297	AT 22:06 CST ON APR 16 *	279	ON APR 17	2.08B	ON DEC 10	641 000	1976
1977	240	AT 09:13 EST ON SEP 10	234	ON SEP 10	4.35B	ON FEB 16	827 000	1977
1978	---		149 E	ON JUN 04	7.50B	ON DEC 31	812 000	1978
1979	204	AT 16:40 EST ON MAY 11	197	ON MAY 11	3.93	ON SEP 27	687 000	1979
1980	105	AT 13:41 EST ON SEP 20	100	ON SEP 20	3.13	ON JUN 27	546 000	1980
1981	101	AT 17:03 EST ON APR 11	100	ON APR 11	3.17	ON SEP 22	646 000	1981
1982	275	AT 05:45 EST ON JUL 08	264	ON JUL 08	5.41B	ON FEB 15	1 050 000	1982
1983	149	AT 07:23 EST ON JUL 05	146	ON JUL 05	8.66	ON APR 07	821 000	1983
1984	123	AT 07:35 EST ON APR 28	116	ON APR 28	6.59	ON OCT 15	690 000	1984
1985	---		116 E	ON SEP 24	8.19B	ON JAN 07	1 010 000	1985
1986	201	AT 21:56 EST ON APR 29	183	ON APR 30	5.80B	ON DEC 31	782 000	1986
1987	72.4	AT 19:30 EST ON AUG 15	48.1	ON AUG 13	2.79	ON JUL 11	336 000	1987
1988	76.2	AT 18:21 EST ON AUG 17	74.8	ON AUG 17	4.03	ON JUL 28	623 000	1988
1989	122	AT 05:13 EST ON APR 27	119	ON APR 27	5.74B	ON DEC 31	693 000	1989
1990	118	AT 04:40 EST ON JUN 19	110	ON JUN 19	2.89	ON SEP 13	566 000	1990
							771 000	MEAN

B - ICE CONDITIONS
E - ESTIMATED

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

SHEBANDOWAN RIVER NEAR KAMINISTIQUIA - STATION NO. 02AB002

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1921	---	---	---	---	---	---	---	---	---	14.1	10.8	7.36	---	1921
1922	5.38	5.10	5.66	38.2	71.2	22.6	15.8	17.8	12.7	---	---	6.80	---	1922
1923	5.52	4.25	3.54	26.9	---	---	---	---	---	---	---	---	---	1923
MEAN	5.45	4.68	4.60	32.5	71.2	22.6	15.8	17.8	12.7	14.1	10.8	7.08	---	MEAN

LOCATION - LAT 48 32 45 N DRAINAGE AREA, 2 850 km²
LONG 089 37 25 W REGULATED

SHEBANDOWAN RIVER NEAR KAMINISTIQUIA - STATION NO. 02AB002

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1921	---	---	---	---	1921
1922	---	142 ON MAY 05 *	---	---	1922
1923	---	82.7 ON APR 22	---	---	1923
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		---	MEAN

SHEKAK RIVER AT HIGHWAY NO. 11 - STATION NO. 04JC003

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1950	---	---	---	---	---	---	40.1	12.6	10.3	11.9	21.2	19.6	---	1950
1951	12.6	9.21	8.69	75.1	170	27.2	16.8	7.87	8.87	25.8	36.1	31.1	36.0	1951
1952	13.1	9.10	7.53	47.2	82.1	63.7	37.4	35.9	12.1	13.3	16.0	21.8	30.0	1952
1953	10.8	9.17	9.85	33.2	224	82.6	32.6	11.0	10.1	13.0	13.9	18.8	39.4	1953
1954	10.7	11.5	12.4	32.1	193	50.8	28.2	19.2	12.0	44.9	54.4	20.5	41.1	1954
1955	10.2	6.51	5.70	49.0	84.5	45.0	8.19	3.41	3.32	18.1	27.5	16.3	23.2	1955
1956	11.6	9.52	7.48	15.7	143	102	40.9	11.4	12.0	13.1	10.7	12.8	32.6	1956
1957	10.5	7.76	6.91	45.3	99.9	66.6	66.9	11.4	18.4	16.9	31.9	24.0	34.0	1957
1958	12.8	10.1	8.93	81.3	70.6	76.9	67.5	23.6	51.2	28.7	42.4	30.8	42.1	1958
1959	15.1	9.38	8.63	19.8	137	59.6	12.8	10.6	20.8	32.7	33.9	21.4	32.0	1959
1960	14.3	11.2	8.73	34.7	222	55.4	16.0	18.3	13.5	13.9	20.2	18.0	37.4	1960
1961	11.1	7.85	6.50	70.1	179	59.6	38.8	14.8	29.5	56.6	45.9	26.1	45.7	1961
1962	11.1	8.70	9.02	18.0	118	82.4	23.8	43.7	76.1	23.0	16.5	19.9	37.7	1962
1963	12.0	9.22	8.32	36.6	119	88.3	20.1	9.11	12.4	11.3	10.8	11.7	29.1	1963
1964	7.83	6.16	6.06	61.1	156	94.4	52.2	35.7	35.3	46.4	35.3	24.1	46.9	1964
1965	14.1	9.95	8.89	31.4	154	50.0	14.4	8.10	32.6	58.0	32.2	23.0	36.6	1965
1966	17.1	13.8	13.3	48.2	192	82.5	37.2	40.1	19.0	55.0	50.5	27.1	49.7	1966
1967	13.0	11.1	11.7	74.7	189	77.4	21.0	14.9	6.46	18.0	21.8	12.2	39.5	1967
1968	9.34	6.87	7.19	69.8	59.9	63.4	77.2	40.7	35.9	42.4	37.3	20.7	39.2	1968
1969	17.7	15.0	12.6	39.3	142	43.6	24.9	13.8	9.80	23.0	21.4	17.9	31.9	1969
1970	13.3	10.6	8.77	12.7	106	46.1	28.5	9.27	24.4	33.2	34.4	18.4	28.9	1970
1971	10.6	8.94	7.82	19.9	127	65.9	25.7	17.4	12.6	42.8	24.8	27.2	36.9	1971
1972	15.7	12.7	11.1	18.8	146	46.3	31.0	27.0	17.9	31.4	21.0	11.9	32.9	1972
1973	10.6	9.18	14.7	50.8	98.0	45.4	58.8	37.9	25.1	33.8	32.8	23.0	36.6	1973
1974	13.7	10.6	9.22	11.3	155	78.2	27.8	33.7	36.5	79.1	54.2	23.1	44.6	1974
1975	15.3	12.8	11.9	22.2	103	71.0	20.9	8.08	6.37	10.5	27.0	18.0	27.3	1975
1976	10.9	7.23	7.46	93.2	82.7	37.2	21.1	10.4	7.75	10.2	10.6	8.64	26.2	1976
1977	8.04	7.77	10.8	110	93.5	38.0	40.8	15.7	52.4	44.0	33.1	20.3	39.5	1977
1978	11.2	7.44	6.38	10.5	135	108	41.6	16.2	7.80	20.6	13.5	10.2	32.5	1978
1979	8.25	6.19	6.84	43.9	206	80.0	16.3	9.13	30.4	61.6	69.3	27.4	48.0	1979
1980	14.8	9.48	8.26	43.9	157	40.1	19.7	17.0	18.1	36.9	27.3	15.7	34.2	1980
1981	10.5	8.97	12.0	71.4	108	46.6	19.0	4.94	3.24	5.38	9.21	9.50	25.8	1981
1982	8.31	6.32	5.67	13.7	129	30.7	48.1	17.0	40.7	83.3	63.3	38.1	40.7	1982
1983	17.8	12.2	11.1	22.7	179	67.2	24.1	8.00	14.3	49.1	28.4	17.1	38.2	1983
1984	11.8	9.84	8.81	66.2	98.7	89.1	64.4	24.6	9.59	14.0	21.0	19.7	36.5	1984
1985	13.1	8.96	7.58	51.9	90.5	40.0	27.1	42.0	22.8	54.1	44.5	23.3	35.7	1985
1986	10.8	7.05	5.82	78.6	100	24.9	17.2	7.53	9.11	45.5	45.0	15.9	30.7	1986
1987	9.81	8.56	8.96	49.4	38.1	23.3	58.9	---	---	---	---	---	---	1987
MEAN	12.1	9.41	9.02	45.2	132	60.8	33.3	18.9	21.5	33.0	31.6	20.1	36.1	MEAN

LOCATION - LAT 49 45 20 N DRAINAGE AREA, 3 290 km²
LONG 084 24 24 W NATURAL FLOW

REMARKS - STATION DISCONTINUED AUG 11 1987

SHEKAK RIVER AT HIGHWAY NO. 11 - STATION NO. 04JC003

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1950	---	---	---	---	1950
1951	---	340 ON MAY 05 *	5.41 ON AUG 31	1 130 000	1951
1952	---	122 ON APR 25	7.31RB ON MAR 24	948 000	1952
1953	---	286 ON MAY 10	7.31 ON SEP 16	1 240 000	1953
1954	---	256 ON MAY 15	8.92 ON SEP 16	1 300 000	1954
1955	---	155E ON MAY 06	2.49 ON SEP 09	732 000	1955
1956	---	217 ON MAY 21	6.57B ON MAR 30	1 030 000	1956
1957	---	248 ON APR 30	6.46B ON MAR 06	1 070 000	1957
1958	---	210 ON APR 24	8.64B ON MAR 16	1 330 000	1958
1959	---	236 ON MAY 09	1.81 ON SEP 19 *	1 010 000	1959
1960	---	300 ON MAY 19	6.83RB ON APR 08	1 180 000	1960
1961	---	262 ON MAY 18	6.09RB ON MAR 17	1 440 000	1961
1962	---	163 ON MAY 21	8.44B ON FEB 22	1 190 000	1962
1963	---	165 ON MAY 24	5.10 ON AUG 18	920 000	1963
1964	---	235 ON MAY 04	4.02RB ON MAR 02	1 480 000	1964
1965	185 AT 16:00 EST ON MAY 11	184 ON MAY 11	6.43 ON AUG 15	1 150 000	1965
1966	309 AT 06:00 EST ON MAY 26 *	306 ON MAY 25	8.78B ON MAR 07	1 570 000	1966
1967	235 AT 01:00 EST ON MAY 22	232 ON MAY 22	5.27 ON SEP 21	1 240 000	1967
1968	146 AT 22:00 EST ON APR 26	145 ON APR 26	6.63B ON MAR 11	1 240 000	1968
1969	210 AT 18:00 EST ON MAY 08	209 ON MAY 08	7.70 ON SEP 03	1 010 000	1969
1970	164 AT 04:26 EST ON MAY 05	162 ON MAY 05	6.82 ON AUG 19	912 000	1970
1971	172 AT 16:10 EST ON MAY 29	172 ON MAY 29	5.66B ON APR 10	1 160 000	1971
1972	188 AT 08:00 EST ON MAY 06	187 ON MAY 06	10.0 B ON APR 14	1 040 000	1972
1973	153 AT 03:00 EST ON MAY 13	153 ON MAY 13	7.36B ON MAR 01	1 150 000	1973
1974	189 AT 05:00 EST ON MAY 18	188 ON MAY 18	8.78B ON MAR 31	1 410 000	1974
1975	159 AT 17:44 EST ON MAY 08	158 ON MAY 08	4.05 ON SEP 07	862 000	1975
1976	208 AT 22:15 EST ON APR 24	207 ON APR 24	5.66B ON MAR 09	830 000	1976
1977	231 AT 22:39 EST ON APR 24	230 ON APR 25	7.65B ON MAR 01	1 250 000	1977
1978	207 AT 16:27 EST ON MAY 17	206 ON MAY 17	6.23B ON MAR 08	1 030 000	1978
1979	295 AT 08:48 EST ON MAY 15	292 ON MAY 15	5.38B ON MAR 09	1 510 000	1979
1980	253 AT 08:56 EST ON MAY 06	252 ON MAY 06	8.06B ON MAR 31	1 090 000	1980
1981	167 AT 15:52 EST ON MAY 08	166 ON MAY 09	2.72 ON SEP 07	815 000	1981
1982	195 AT 08:59 EST ON MAY 08	193 ON MAY 08	5.50B ON MAR 09	1 280 000	1982
1983	---	228B ON MAY 03	4.43 ON AUG 25	1 210 000	1983
1984	152 AT 04:54 EST ON MAY 04	152 ON MAY 04	7.58 ON SEP 23	1 150 000	1984
1985	205 AT 23:00 EST ON APR 26	204 ON APR 26	7.00B ON APR 11	1 120 000	1985
1986	177 AT 19:33 EST ON MAY 06	175 ON MAY 06	3.05B ON NOV 27	969 000	1986
1987	137 AT 21:00 EST ON JUL 26	137 ON JUL 26	---	---	1987
				1 140 000	MEAN

B - ICE CONDITIONS
E - ESTIMATED

* - EXTREME RECORDED FOR THE PERIOD OF RECORD
R - REVISED SINCE JAN 01 1989

SHELTER VALLEY BROOK NEAR GRAFTON - STATION NO. 02HD010

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1965	---	---	---	---	---	---	---	---	0.318	0.682	0.787	1.01	---	1965
1966	0.485	1.21	1.90	0.720	0.516	0.378	0.274	0.309	0.361	0.344	0.777	1.09	0.694	1966
1967	0.833	0.599	1.31	1.19	0.719	0.556	0.454	0.332	0.509	0.724	0.978	0.901	0.759	1967
1968	0.752	1.62	1.73	0.733	0.734	0.538	0.358	0.343	0.424	0.427	0.728	0.603	0.746	1968
1969	1.37	0.690	1.76	1.54	0.988	0.573	0.559	0.371	0.301	0.404	0.740	0.605	0.827	1969
1970	0.407	0.982	2.59	1.60	0.797	0.619	0.480	0.324	0.383	0.627	0.846	0.873	0.877	1970
1971	0.575	0.834	1.17	2.76	0.727	0.623	0.455	0.436	0.563	0.610	0.575	0.888	0.848	1971
1972	0.901	0.412	0.827	3.03	0.836	0.842	0.558	0.553	0.460	0.625	0.812	1.12	0.913	1972
1973	1.17	1.11	2.33	1.66	1.13	0.666	0.473	0.481	0.481	0.609	0.975	0.842	0.985	1973
1974	0.865	0.852	1.76	1.63	1.14	0.803	0.992	0.535	0.545	0.637	0.764	0.780	0.943	1974
1975	1.01	1.17	2.44	1.38	0.746	0.643	0.450	0.395	0.537	0.515	0.595	0.650	0.876	1975
1976	0.431	1.39	2.92	1.22	0.928	0.621	0.594	0.454	0.491	0.541	0.462	0.330	0.856	1976
1977	0.188	0.378	1.73	0.910	0.485	0.421	0.375	0.526	0.611	0.673	0.857	0.890	0.673	1977
1978	1.21	0.544	0.965	2.84	1.18	0.458	0.451	0.497	0.574	0.580	0.720	0.603	0.885	1978
1979	0.404	0.306	2.83	1.58	0.773	0.478	0.440	0.434	0.449	0.577	0.649	0.723	0.808	1979
1980	0.850	0.361	3.31	1.42	0.527	0.520	0.655	0.387	0.448	0.605	0.604	0.642	0.864	1980
1981	0.466	2.46	0.822	0.812	0.638	0.485	0.412	0.435	0.672	0.658	0.646	0.552	0.742	1981
1982	0.653	0.483	1.76	2.24	1.03	0.942	0.455	0.501	0.579	0.577	0.814	0.807	0.940	1982
1983	0.776	1.42	1.03	1.58	1.18	0.542	0.372	0.301	0.386	0.629	0.746	0.706	0.782	1983
1984	0.468	2.14	1.77	1.97	1.22	0.742	0.557	0.431	0.489	0.456	0.585	0.644	0.949	1984
1985	0.256	0.901	1.92	1.37	0.726	0.650	0.519	0.497	0.588	0.605	1.34	0.817	0.848	1985
1986	0.766	0.549	1.88	1.05	0.773	0.574	0.421	0.615	0.935	0.796	0.690	1.12	0.851	1986
1987	0.720	0.633	1.64	1.55	0.620	0.524	0.416	0.435	0.548	0.561	0.767	0.859	0.773	1987
1988	0.851	1.03	1.56	0.932	0.567	0.385	0.301	0.286	0.360	0.472	0.617	0.723	0.671	1988
1989	0.682	0.522	1.11	0.733	0.767	0.651	0.291	0.352	0.401	0.546	0.991	0.538	0.632	1989
1990	0.971	0.987	2.19	1.31	1.02	0.541	0.476	0.402	0.382	0.587	0.556	1.25	0.891	1990
MEAN	0.722	0.943	1.78	1.54	0.831	0.590	0.472	0.432	0.492	0.580	0.751	0.791	0.825	MEAN

LOCATION - LAT 43 59 31 N
LONG 078 00 07 W

DRAINAGE AREA, 64.8 km^2
REGULATED SINCE 1990

SHELTER VALLEY BROOK NEAR GRAFTON - STATION NO. 02HD010

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1965	---	---	---	---	1965
1966	---	10.0 B ON MAR 01	0.227 ON JUL 17	21 900	1966
1967	11.6 AT 01:45 EST ON APR 03	5.04 ON APR 03	0.283 ON AUG 14	23 900	1967
1968	15.5 B AT 20:00 EST ON FEB 02	6.40B ON MAR 18	0.263 ON JUL 29	23 600	1968
1969	16.1 AT 23:35 EST ON MAR 24	8.98 ON MAR 25	0.272 ON SEP 04	26 100	1969
1970	---	8.50E ON MAR 20	0.280 ON AUG 18	27 700	1970
1971	8.01 AT 20:52 EST ON APR 13	6.34 ON APR 13	0.300 ON AUG 21	26 700	1971
1972	14.0 AT 21:20 EST ON APR 14	9.51 ON APR 13	0.297B ON FEB 08	28 900	1972
1973	17.1 AT 20:00 EST ON MAR 17	8.55B ON MAR 04	0.382 ON SEP 09	31 100	1973
1974	---	9.91 ON JUL 03	0.297B ON JAN 18	29 700	1974
1975	30.0 AT 00:21 EST ON MAR 20	15.8 ON MAR 20	0.354 ON AUG 12	27 600	1975
1976	18.5 AT 11:00 EST ON MAR 21	13.9 ON MAR 21	0.261B ON DEC 31	27 100	1976
1977	16.1 AT 08:57 EST ON MAR 13	9.20 ON MAR 13	0.130B ON JAN 27 *	21 200	1977
1978	8.47 AT 18:44 EST ON APR 21	5.78 ON APR 07	0.377 ON JUN 30	27 900	1978
1979	16.0 AT 09:57 EST ON MAR 14	10.0 ON MAR 14	0.230B ON FEB 12	25 500	1979
1980	74.9 E AT 14:35 EST ON MAR 21 *	43.9 E ON MAR 21 *	0.317B ON MAR 13	27 300	1980
1981	---	11.7 B ON FEB 20	0.311 ON JUL 16	23 400	1981
1982	23.4 AT 18:37 EST ON APR 03	12.3 ON APR 03	0.190E ON AUG 19	29 600	1982
1983	29.7 AT 00:42 EST ON FEB 03	11.2 E ON FEB 03	0.303 ON AUG 21	24 700	1983
1984	22.3 AT 10:11 EST ON APR 05	16.1 B ON FEB 14	0.352 ON JUL 24	30 000	1984
1985	15.4 AT 11:46 EST ON MAR 12	9.59 ON MAR 12	0.205B ON FEB 11	26 700	1985
1986	22.2 AT 15:48 EST ON MAR 19	12.7 ON MAR 19	0.345 ON JUL 10	26 800	1986
1987	10.6 AT 21:37 EST ON APR 04	5.83 ON APR 05	0.322 ON JUL 27	24 400	1987
1988	---	10.3 B ON MAR 26	0.229 ON AUG 13	21 200	1988
1989	---	4.95B ON MAR 26	0.211E ON JUL 26	19 900	1989
1990	39.7 AT 06:32 EST ON MAR 12	19.8 B ON MAR 12	0.312 ON AUG 11	28 100	1990
	B - ICE CONDITIONS E - ESTIMATED	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		26 000	MEAN

SHIPKA CREEK NEAR GRAND BEND - STATION NO. 02FF006

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1957	---	---	---	0.749	---	---	---	---	---	---	---	---	---	1957
1958	---	---	1.64	0.479	---	---	---	---	---	---	---	---	---	1958
1959	---	---	---	0.785	---	---	---	---	---	---	---	---	---	1959
1960	---	---	---	0.925	---	---	---	---	---	---	---	---	---	1960
1961	---	---	0.367	0.346	---	---	---	---	---	---	---	---	---	1961
1962	---	---	---	0.057	---	---	---	---	---	---	---	---	---	1962
1963	---	---	---	0.068	---	---	---	---	---	---	---	---	---	1963
1964	---	---	---	0.305	---	---	---	---	---	---	---	---	---	1964
1965	---	---	---	0.706	---	---	---	---	---	---	---	---	---	1965
1966	---	---	---	0.236	---	---	---	---	---	---	---	---	---	1966
1967	---	---	---	0.450	---	---	---	---	---	---	---	---	---	1967
1968	---	---	---	0.187	---	---	---	---	---	---	---	---	---	1968
1969	---	---	0.511	---	---	---	---	---	---	---	---	---	---	1969
1972	---	---	---	---	---	---	---	---	---	---	---	---	---	1972
MEAN	---	---	0.839	0.441	---	---	---	---	---	---	---	---	---	MEAN

LOCATION - LAT 43 16 19 N DRAINAGE AREA, 33.7 km^2
LONG 081 45 00 W NATURAL FLOW

SHIPKA CREEK NEAR GRAND BEND - STATION NO. 02FF006

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1957	---	3.20 ON APR 05	---	---	1957
1958	---	8.78 ON MAR 01	---	---	1958
1959	---	4.84 ON APR 02	---	---	1959
1960	---	11.6 ON MAR 30	---	---	1960
1961	---	3.00 ON APR 26	---	---	1961
1962	---	2.52 ON MAR 18	---	---	1962
1963	---	4.62 ON MAR 27	---	---	1963
1964	---	2.52 ON APR 06	---	---	1964
1965	---	12.8 ON MAR 05 *	---	---	1965
1966	---	1.45 ON MAR 09	---	---	1966
1967	---	8.44 ON MAR 27	---	---	1967
1968	---	2.44 ON NOV 29	---	---	1968
1969	---	3.45 ON APR 05	---	---	1969
1972	2.09 AT 08:10 EST ON MAR 13 *	1.61 ON MAR 13	---	---	1972
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		---	MEAN

SILVER CREEK NEAR COPENHAGEN - STATION NO. 02GC024

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1970	0.200	0.263	0.467	0.418	0.207	0.158	0.122	0.098	0.115	0.152	0.316	0.311	0.235	1970
1971	0.177	0.626	0.669	0.350	0.180	0.135	0.078	0.085	0.116	0.121	0.334	0.190	0.236	1971
1972	0.229	0.121	1.13	0.541	0.311	0.194	0.197	0.148	0.136	0.180	0.319	0.471	0.333	1972
1973	0.286	0.261	0.492	0.444	0.323	0.352	0.132	0.178	0.119	0.163	0.287	0.326	0.331	1973
1974	0.522	0.437	0.628	0.452	0.516	0.232	0.167	0.123	0.130	0.148	0.239	0.247	0.320	1974
1975	0.485	0.469	0.717	0.387	0.216	0.365	0.110	0.236	0.410	0.218	0.287	0.392	0.357	1975
1976	0.329	0.988	1.35	0.461	0.319	0.204	0.219	0.180	0.143	0.165	0.185	0.175	0.395	1976
1977	0.149	0.241	1.00	0.619	0.193	0.146	0.154	0.165	0.611	0.406	0.356	0.898	0.413	1977
1978	0.329	0.231	1.16	0.714	---	---	---	---	---	---	---	---	---	1978
MEAN	0.301	0.404	0.912	0.487	0.286	0.223	0.150	0.152	0.224	0.194	0.265	0.376	0.328	MEAN

LOCATION - LAT 42 41 39 N
LONG 080 58 03 W
DRAINAGE AREA, 27.2 km²
REGULATED

SILVER CREEK NEAR COPENHAGEN - STATION NO. 02GC024

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1970	2.86 AT 19:30 EST ON APR 02	1.99 ON APR 02	0.057 ON AUG 07	7 420	1970
1971	5.97 AT 18:56 EST ON FEB 27	4.33 ON FEB 27	0.026 ON AUG 04 *	7 440	1971
1972	10.8 AT 01:55 EST ON MAR 02	6.85 ON MAR 02	0.096B ON FEB 12	10 500	1972
1973	6.63 AT 20:21 EST ON MAR 11	3.82 ON MAR 11	0.079 ON JUL 18	10 400	1973
1974	3.96 AT 21:16 EST ON FEB 22	2.86 ON MAR 05	0.082 ON JUL 26	10 100	1974
1975	3.00 AT 03:33 EST ON JUN 05	2.36 ON FEB 24	0.051 ON JUL 30	11 200	1975
1976	---	6.50E ON MAR 05 *	0.104 ON MAY 27	12 500	1976
1977	8.78 AT 09:13 EST ON SEP 26	5.13 ON SEP 26	0.085 ON JUL 27	13 000	1977
1978	12.6 AT 17:33 EST ON MAR 21 *	8.10 ON MAR 21	---	---	1978
				10 300	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

SKOOTAMATTA RIVER NEAR ACTINOLITE - STATION NO. 02HL004

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1955	---	---	---	---	---	---	---	0.532	0.532	18.2	11.4	2.59	---	1955
1956	2.43	1.44	2.07	43.0	27.0	14.1	1.96	1.48	1.46	1.26	1.64	5.40	8.57	1956
1957	5.75	4.62	13.8	18.4	9.50	3.49	1.57	0.490	1.23	---	---	---	---	1957
1958	---	---	9.20	45.4	9.94	2.09	0.784	---	---	0.418	0.905	1.22	---	1958
1959	1.60	2.11	6.07	39.9	11.1	1.52	0.686	0.439	0.343	1.32	5.37	8.27	6.54	1959
1960	3.92	6.99	5.26	58.1	15.8	3.79	0.757	0.249	0.342	0.766	0.478	0.567	8.01	1960
1961	0.405	0.509	4.33	17.5	10.9	2.58	2.02	0.550	0.275	1.29	0.346	2.36	4.69	1961
1962	1.43	0.879	10.7	23.9	7.79	2.16	0.530	0.255	0.330	1.51	9.35	8.51	5.61	1962
1963	3.58	2.55	11.7	53.2	11.9	3.18	0.305	0.191	0.155	0.160	4.37	5.94	5.63	1963
1964	5.29	4.87	12.4	18.5	11.9	3.03	0.462	0.177	1.35	0.515	0.484	3.42	5.18	1964
1965	3.43	7.58	7.59	35.4	14.4	2.16	0.645	0.401	1.16	8.28	16.6	18.4	9.64	1965
1966	10.3	4.23	21.2	14.9	10.2	5.43	0.723	0.226	0.471	1.22	10.7	26.0	8.84	1966
1967	8.26	7.20	7.38	31.1	10.9	4.56	5.46	1.42	1.90	12.2	22.4	14.1	10.6	1967
1968	7.96	8.08	18.9	18.8	5.06	5.66	3.83	1.77	4.90	0.523	3.21	6.80	6.67	1968
1969	6.70	10.3	16.3	34.2	31.6	6.85	1.80	0.839	1.65	0.457	2.29	4.67	9.79	1969
1970	2.46	3.25	5.11	31.7	15.2	3.93	2.98	1.73	0.732	0.604	4.34	6.95	6.57	1970
1971	4.93	4.70	8.31	44.9	14.5	2.28	1.50	1.41	1.52	1.70	2.42	9.61	8.12	1971
1972	4.08	6.31	6.29	41.2	25.9	5.44	7.07	3.98	1.60	1.89	14.1	13.0	11.4	1972
1973	16.5	11.9	39.1	45.4	10.2	3.18	1.40	1.22	0.921	0.669	2.17	7.58	10.0	1973
1974	11.4	8.58	19.7	37.7	25.2	4.69	1.36	1.14	1.26	1.67	4.83	7.88	10.4	1974
1975	8.16	5.74	20.8	35.3	13.4	2.41	1.03	0.961	0.359	0.257	0.454	4.31	7.76	1975
1976	4.04	8.36	32.5	37.0	8.78	2.37	0.895	0.757	0.675	1.09	2.33	2.78	8.44	1976
1977	2.70	2.79	29.3	17.0	3.44	1.01	0.298	1.47	1.22	1.83	4.08	13.3	6.58	1977
1978	12.7	8.85	9.90	44.2	16.4	2.08	0.755	0.717	0.655	0.645	3.52	7.18	8.93	1978
1979	9.49	6.40	33.8	36.4	13.0	4.36	0.889	0.644	0.594	1.92	6.92	16.9	11.0	1979
1980	11.8	3.30	21.9	28.7	11.6	3.76	1.46	0.955	0.871	2.53	6.57	11.2	8.73	1980
1981	3.05	34.3	21.4	11.1	7.82	7.32	2.48	1.61	9.97	8.90	13.5	7.67	10.6	1981
1982	5.62	3.15	8.67	40.0	10.6	4.38	1.48	1.06	0.903	0.936	9.16	24.3	9.18	1982
1983	13.6	8.97	17.6	21.5	25.4	5.78	0.682	0.618	0.396	0.476	2.95	10.1	9.02	1983
1984	5.09	22.3	16.5	41.4	17.7	2.95	0.755	0.771	0.611	0.530	2.44	5.37	9.61	1984
1985	8.84	8.45	27.3	29.3	7.54	1.60	1.02	0.705	3.11	3.05	16.0	9.56	9.69	1985
1986	8.71	6.42	10.6	16.5	7.53	9.78	2.81	4.44	10.9	22.8	7.75	9.37	10.7	1986
1987	6.27	4.53	15.9	36.4	3.71	2.22	1.13	0.497	0.538	2.15	5.41	11.9	7.22	1987
1988	7.20	11.2	12.9	25.7	5.96	1.14	0.609	0.788	0.715	2.45	3.44	4.45	6.59	1988
1989	5.14	3.97	9.29	21.8	8.52	5.26	1.54	0.220	0.531	2.83	14.7	7.89	6.78	1989
1990	7.78	8.26	23.7	24.8	10.2	2.86	1.24	0.668	0.407	1.65	4.05	16.7	8.53	1990
MEAN	6.61	7.15	15.7	30.1	13.1	4.13	1.57	0.990	1.43	3.17	6.31	9.03	8.36	MEAN

LOCATION - LAT 44 32 58 N
LONG 077 19 45 W
DRAINAGE AREA, 712 km²
NATURAL FLOW

REMARKS - SEASONAL REGULATION

SKOOTAMATTA RIVER NEAR ACTINOLITE - STATION NO. 02HL004

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1955	---	---	---	---	1955
1956	---	62.9 ON APR 07	0.170 ON NOV 10	271 000	1956
1957	---	---	---	---	1957
1958	---	---	---	---	1958
1959	---	64.0 ON APR 08	0.266 ON OCT 01	206 000	1959
1960	---	75.0 ON APR 14	0.153 ON SEP 29	253 000	1960
1961	---	34.3 ON MAY 21	0.159 ON AUG 17	148 000	1961
1962	---	56.9 ON MAR 30	0.079 ON JUL 19	177 000	1962
1963	---	74.5 ON MAR 31	0.062 ON AUG 04	177 000	1963
1964	28.6 AT 18:00 EST ON APR 15	28.0 ON APR 15	0.017 ON AUG 10 *	164 000	1964
1965	75.3 AT 22:00 EST ON APR 13	71.4 ON APR 13	0.184E ON AUG 24	304 000	1965
1966	58.3 AT 06:00 EST ON DEC 09	56.9 ON DEC 09	0.125 ON AUG 01	279 000	1966
1967	56.4 AT 19:00 EST ON APR 03	55.5 ON APR 03	0.314 ON SEP 14	334 000	1967
1968	51.8 AT 01:50 EST ON MAR 29	50.4 ON MAR 29	0.181 ON OCT 06	211 000	1968
1969	77.9 AT 08:20 EST ON MAY 20	75.3 ON MAY 20	0.108 ON OCT 15	309 000	1969
1970	45.3 AT 23:00 EST ON APR 10	43.6 ON APR 10	0.394 ON OCT 11	207 000	1970
1971	69.7 AT 14:33 EST ON APR 14	68.5 ON APR 14	0.640 ON AUG 11	256 000	1971
1972	83.8 AT 06:34 EST ON APR 19	81.0 ON APR 19	0.600 ON SEP 23	360 000	1972
1973	80.4 AT 01:00 EST ON MAR 19	76.5 ON MAR 19	0.513 ON OCT 23	316 000	1973
1974	85.2 AT 19:46 EST ON APR 05	81.6 ON APR 05	0.326 ON JUL 21	329 000	1974
1975	82.7 AT 21:19 EST ON APR 20	77.9 ON APR 20	0.144 ON OCT 11	245 000	1975
1976	109 AT 08:16 EST ON APR 02	107 ON APR 02	0.311 ON JUL 16	267 000	1976
1977	75.3 AT 03:31 EST ON MAR 15	69.7 ON MAR 15	0.227 ON JUL 27	207 000	1977
1978	69.1 AT 08:36 EST ON APR 22	68.8 ON APR 22	0.430 ON SEP 09	282 000	1978
1979	---	74.5A ON MAR 26	0.282 ON OCT 04	346 000	1979
1980	116 AT 22:27 EST ON MAR 22	102 ON MAR 22	0.596 ON OCT 01	276 000	1980
1981	139 AT 02:50 EST ON FEB 25 *	130 ON FEB 25 *	0.730 ON AUG 26	333 000	1981
1982	60.5 AT 10:04 EST ON APR 22	59.7 ON APR 22	0.516 ON SEP 22	290 000	1982
1983	42.9 AT 07:28 EST ON MAY 05	41.3 ON MAY 04	0.259E ON SEP 29	285 000	1983
1984	85.3 AT 05:57 EST ON APR 07	82.7 ON APR 07	0.396 ON OCT 13	304 000	1984
1985	49.5 AT 12:17 EST ON MAR 14	49.3 ON MAR 14	0.685 ON AUG 07	306 000	1985
1986	47.9 AT 21:04 EST ON MAR 28	46.2 ON MAR 28	1.34 ON JUL 25	337 000	1986
1987	86.1 AT 11:35 EST ON APR 06	84.7 ON APR 06	0.385 ON AUG 26	237 000	1987
1988	71.5 AT 19:15 EST ON MAR 27	68.3 ON MAR 27	0.221 ON JUL 10	208 000	1988
1989	51.8 AT 00:56 EST ON MAR 30	49.0 ON MAR 30	0.076 ON SEP 22	214 000	1989
1990	51.4 AT 03:19 EST ON MAR 18	50.1 ON MAR 18	0.322 ON SEP 29	269 000	1990
				264 000	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX) E - ESTIMATED * - EXTREME RECORDED FOR THE PERIOD OF RECORD

SOPER CREEK AT BOWMANVILLE - STATION NO. 02HD007

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1959	---	---	---	3.01	0.867	0.293	0.192	0.272	0.304	0.454	0.510	0.643	---	1959
1960	0.517	1.13	0.834	3.88	2.26	0.868	0.415	0.308	0.388	0.404	0.696	0.387	1.00	1960
1961	0.166	0.880	0.975	1.14	0.798	0.650	0.424	0.430	0.366	0.336	0.501	0.607	0.603	1961
1962	0.444	0.423	1.80	0.695	0.352	0.255	0.215	0.253	0.292	0.470	0.909	0.516	0.453	1962
1963	0.368	0.388	1.40	0.620	0.627	0.350	0.276	0.235	0.255	0.251	0.359	0.290	0.451	1963
1964	0.759	0.486	0.921	0.837	0.463	0.306	0.537	0.340	0.272	0.322	0.381	0.635	0.523	1964
1965	0.479	1.56	1.07	1.67	0.506	0.288	0.343	0.231	0.255	0.602	1.12	1.16	0.766	1965
1966	0.520	0.960	1.32	0.975	0.548	0.374	0.196	0.298	0.299	0.294	0.934	1.69	0.699	1966
1967	1.31	0.560	2.10	1.92	0.591	0.525	0.520	0.440	0.330	---	---	---	---	1967
1968	---	---	---	---	---	---	0.238	0.332	0.357	0.361	0.658	0.660	---	1968
1969	2.85	0.958	1.47	1.66	0.999	0.678	0.483	0.605	0.355	0.424	0.737	0.772	1.00	1969
1970	0.473	1.10	2.26	1.62	0.751	0.405	0.379	0.317	0.370	0.438	0.674	0.768	0.794	1970
1971	0.479	1.61	1.71	2.54	0.477	0.431	0.318	0.263	0.325	0.389	0.475	0.864	0.813	1971
1972	0.832	0.480	1.26	4.22	0.698	0.491	0.425	0.402	0.376	0.651	0.906	1.35	1.01	1972
1973	1.36	1.25	3.09	1.88	1.12	---	---	---	---	---	---	---	---	1973
1975	---	---	---	---	---	0.458	0.290	0.249	0.393	0.360	0.508	0.641	---	1975
1976	0.417	1.44	2.98	1.24	1.47	0.614	0.449	0.410	0.405	0.456	0.437	0.348	0.888	1976
1977	0.282	0.336	1.38	1.60	0.462	0.360	0.319	0.443	0.613	0.765	1.30	1.39	0.824	1977
1978	1.44	0.631	1.50	4.22	1.24	0.433	0.308	0.366	0.521	0.595	0.833	0.643	1.18	1978
1979	0.446	0.343	1.91	1.85	0.860	0.416	0.286	0.399	0.343	0.492	0.737	0.888	0.734	1979
1980	0.883	0.344	4.32	2.26	0.629	0.605	0.670	0.456	0.540	0.723	0.765	0.854	1.09	1980
1981	0.296	3.34	1.01	0.875	0.640	0.460	0.417	0.454	0.736	1.01	1.02	0.559	0.883	1981
1982	0.628	0.455	3.19	2.43	0.602	1.21	0.461	0.381	0.441	0.469	0.939	1.23	1.05	1982
1983	0.885	1.23	1.37	1.54	1.40	0.409	0.299	0.353	0.324	0.604	0.894	1.31	0.888	1983
1984	0.522	2.43	1.79	2.06	0.838	0.421	0.348	0.432	0.581	0.470	0.773	0.826	0.950	1984
1985	0.311	2.46	2.22	1.75	0.773	0.505	0.428	0.372	0.428	0.480	2.06	0.803	1.04	1985
1986	0.646	0.532	2.15	1.15 R	0.678	0.689	0.417	1.15 R	2.15 R	1.43	1.17	1.93 R	1.18 R	1986
1987	0.890	0.634	2.78	1.48	0.487	---	---	---	---	---	---	---	---	1987
MEAN	0.727	1.04	1.95	1.88 R	0.816	0.503	0.371	0.392R	0.462R	0.529	0.812	0.871R	0.860R	MEAN

LOCATION - LAT 43 54 08 N LONG 078 40 21 W DRAINAGE AREA, 77.7 km^2 NATURAL FLOW

R - REVISED SINCE JAN 01 1989

REMARKS - STATION DISCONTINUED JUN 15 1987

SOPER CREEK AT BOWMANVILLE - STATION NO. 02HD007

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1959	---	---	---	---	1959
1960	---	21.0 ON MAY 09	0.096 ON AUG 04	31 700	1960
1961	---	4.81 ON DEC 05	0.057B ON JAN 21 *	19 000	1961
1962	---	8.01 ON NOV 10	0.187 ON JUL 15	17 400	1962
1963	---	3.54B ON MAR 27	0.195 ON AUG 05	14 200	1963
1964	---	5.24 ON DEC 25	0.224 ON AUG 11	16 500	1964
1965	---	11.2 ON APR 12	0.176 ON AUG 16	24 200	1965
1966	58.6B AT 03:15 EST ON MAR 01 *	12.1 ON DEC 07	0.173E ON JUL 18	22 000	1966
1967	---	---	---	---	1967
1968	---	---	---	---	1968
1969	30.0 AT 23:20 EST ON JAN 30	16.4 ON JAN 30	0.249 ON JUL 24	31 600	1969
1970	10.8 AT 20:48 EST ON APR 02	7.08B ON MAR 20	0.266 ON AUG 09	25 000	1970
1971	10.1 AT 20:20 EST ON APR 02	14.6 ON APR 02	0.190 ON AUG 07	25 600	1971
1972	12.3 AT 11:00 EST ON APR 13	10.2 ON APR 13	0.235 ON SEP 07	31 800	1972
1973	22.7 AT 20:36 EST ON APR 01	14.9 B ON MAR 04	---	---	1973
1975	---	---	0.139 ON AUG 02	---	1975
1976	25.5 AT 20:24 EST ON MAR 20	15.8 ON MAR 21	0.215B ON DEC 09	28 100	1976
1977	36.5 AT 08:55 EST ON MAR 13	17.5 ON MAR 13	0.249B ON FEB 07	26 000	1977
1978	---	14.7 E ON APR 07	0.235 ON JUL 18	37 100	1978
1979	21.0E AT 17:00 EST ON APR 02	7.46E ON APR 02	0.228 ON JUL 21	23 200	1979
1980	---	59.7 E ON MAR 21 *	0.080B ON FEB 01	34 500	1980
1981	---	23.3 B ON FEB 20	0.272 ON JUL 14	27 800	1981
1982	46.7 AT 15:53 EST ON APR 03	16.7 ON APR 03	0.293 ON AUG 15	33 000	1982
1983	52.0 AT 00:12 EST ON FEB 03	11.6 ON FEB 03	0.242 ON JUL 27	28 000	1983
1984	---	25.0 B ON FEB 14	0.273 ON JUL 25	30 000	1984
1985	26.2B AT 16:00 EST ON FEB 24	23.5 B ON FEB 24	0.276 ON AUG 03	32 700	1985
1986	36.1R AT 05:26 EST ON AUG 27	14.4 R ON SEP 11	0.318 ON JUL 23	37 100	1986
1987	---	13.0 B ON MAR 02	---	---	1987
				27 100	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD
R - REVISED SINCE JAN 01 1989

SOUTH BRANCH MUSKOKA RIVER AT BAYSVILLE - STATION NO. 02EB008

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1941	---	---	---	---	---	---	---	---	12.4	9.35	14.5	19.2	---	1941
1942	13.2	14.0	24.5	45.5	44.8	24.6	12.7	11.7	12.1	11.4	18.3	21.8	21.2	1942
1943	17.9	27.4	35.2	33.4	91.5	24.0	16.6	16.5	14.4	16.6	15.8	15.7	27.0	1943
1944	17.7	15.4	10.8	10.9	16.9	11.5	11.0	12.0	12.4	13.9	16.1	19.7	14.0	1944
1945	15.2	13.9	27.3	32.6	31.1	31.9	14.1	13.2	12.6	14.6	16.8	19.1	20.2	1945
1946	25.2	36.2	39.4	19.0	11.9	14.9	14.1	13.2	11.5	10.6	11.6	15.2	18.5	1946
1947	20.3	28.3	33.5	60.5	85.4	45.0	16.4	14.5	13.7	11.9	11.5	11.6	29.4	1947
1948	11.9	12.6	29.7	61.0	32.5	17.8	12.7	15.0	10.9	8.74	13.5	21.8	20.7	1948
1949	22.5	35.7	33.4	66.9	21.9	13.9	13.4	13.5	11.1	8.41	6.07	9.80	21.2	1949
1950	37.7	43.5	27.1	32.7	24.7	11.5	10.0	11.4	12.1	9.98	10.7	18.8	20.7	1950
1951	23.6	25.6	31.2	92.9	62.5	10.1	9.55	9.33	8.37	9.10	36.7	36.5	29.5	1951
1952	29.3	26.7	24.7	59.2	29.2	18.3	9.75	9.89	12.8	12.0	7.72	11.9	20.9	1952
1953	13.1	13.6	47.3	32.6	29.6	12.4	12.0	15.0	11.2	6.88	6.18	5.83	18.5	1953
1954	8.64	13.8	33.3	50.5	23.4	24.7	7.63	9.96	15.5	54.3	33.7	15.5	24.2	1954
1955	20.8	35.8	24.5	56.5	18.2	7.38	7.08	7.46	5.88	7.49	20.7	10.7	18.4	1955
1956	14.3	23.5	23.8	16.0	44.4	22.1	28.3	12.5	21.2	21.1	14.3	20.1	21.8	1956
1957	19.9	31.6	29.6	24.4	10.6	21.4	67.8	13.7	17.6	12.3	39.2	43.8	27.6	1957
1958	49.0	26.8	26.4	12.3	2.91	6.89	9.29	10.4	13.4	12.4	15.2	20.0	17.5	1958
1959	15.7	23.1	29.2	43.9	49.3	15.3	9.90	12.1	15.5	15.2	35.6	31.8	24.7	1959
1960	25.4	24.0	25.6	72.0	49.2	19.9	19.7	11.5	26.6	10.7	13.6	12.3	25.8	1960
1961	10.5	12.5	19.6	27.1	23.0	15.1	15.4	12.3	12.3	14.3	6.94	10.8	15.2	1961
1962	14.2	24.0	14.1	18.9	15.8	4.21	2.91	6.36	10.9	22.4	9.13	15.4	13.1	1962
1963	14.9	12.6	16.4	27.8	28.3	13.0	4.24	9.18	17.2	16.9	13.0	17.0	15.9	1963
1964	17.2	22.4	18.2	10.8	18.8	7.84	4.28	5.35	10.6	13.3	9.32	14.5	12.7	1964
1965	26.9	23.6	22.2	26.6	45.7	7.25	4.67	10.7	28.2	62.0	30.2	57.7	28.9	1965
1966	33.0	27.6	28.7	34.5	21.2	10.4	6.96	6.68	12.5	14.7	35.3	65.6	25.5	1966
1967	29.6	33.5	28.9	42.6	14.1	29.2	20.0	13.1	12.6	32.9	62.8	29.9	30.2	1967
1968	28.7	41.7	32.6	25.6	4.68	3.50	8.02	12.6	26.8	42.1	9.11	16.3	17.8	1968
1969	21.2	24.1	31.0	38.6	45.6	17.9	12.3	8.56	10.4	18.8	27.5	23.7	23.3	1969
1970	20.2	22.2	22.3	28.3	43.6	13.8	49.9	20.4	11.2	30.9	21.3	25.6	25.9	1970
1971	19.7	27.3	36.1	47.5	33.6	11.1	5.18	5.79	13.2	7.55	8.36	10.4	18.7	1971
1972	19.2	24.0	31.6	40.1	64.3	18.5	26.1	31.9	16.0	24.7	31.9	21.8	29.2	1972
1973	29.5	40.9	57.3	58.8	34.7	31.9	17.6	16.5	15.9	16.8	10.7	25.5	29.6	1973
1974	25.9	33.3	40.6	57.1	64.7	19.7	7.64	6.83	12.3	26.1	28.4	22.5	28.7	1974
1975	20.3	23.1	40.1	35.5	31.5	4.62	3.38	5.06	13.8	20.1	10.4	32.0	20.0	1975
1976	25.0	27.6	50.2	69.4	24.0	8.49	18.6	6.31	6.18	11.8	8.17	12.9	22.4	1976
1977	15.4	13.8	44.2	38.7	13.9	4.04	3.04	3.29	14.4	32.7	24.1	27.5	19.5	1977
1978	29.1	19.9	31.4	25.1	53.4	11.3	3.97	6.35	19.7	25.6	14.7	21.4	21.6	1978
1979	21.5	30.7	50.1	57.4	44.7	15.8	5.09	9.52	22.1	28.3	43.1	40.1	30.6	1979
1980	30.2	25.1	23.0	78.5	20.6	22.5	17.0	22.8	24.3	33.9	30.3	24.3	29.3	1980
1981	20.9	37.1	52.6	31.8	22.3	13.6	5.24	3.96	61.8	37.5	14.6	19.7	26.4	1981
1982	16.3	27.7	31.1	55.3	25.3	14.9	10.3	6.62	11.2	15.6	40.2	61.8	26.3	1982
1983	44.3	28.9	34.6	21.5	65.8	23.1	4.88	2.32	6.58	21.6	17.0	28.1	24.9	1983
1984	21.9	44.1	44.6	37.1	30.6	27.9	13.2	4.27	14.5	18.6	17.9	23.9	24.8	1984
1985	47.9	31.3	58.4	75.9	39.4	14.3	6.23	7.16	35.0	21.0	23.5	22.5	31.8	1985
1986	23.3	25.8	32.7	40.2	23.8	24.3	7.31	9.32	24.9	37.9	12.6	11.7	22.8	1986
1987	13.6	22.8	27.4	25.0	9.32	9.85	4.72	1.34	1.92	13.4	10.4	27.9	13.9	1987
1988	22.0	32.8	30.3	57.5	28.3	6.70	2.10	1.84	11.5	20.7	27.0	18.2	21.5	1988
1989	20.9	18.6	39.4	---	35.0	28.1	11.8	---	---	12.4	9.65	---	---	1989
1990	17.7	28.4	45.1	41.1	27.5	14.7	3.62	2.70	6.23	24.3	24.3	46.3	23.5	1990
MEAN	22.5	26.3	32.4	41.8	33.2	16.5	12.4	10.3	15.6	19.4	19.7	23.5	22.8	MEAN

LOCATION - LAT 45 08 50 N DRAINAGE AREA, 1 390 km²
LONG 079 06 50 W REGULATED

SOUTH BRANCH MUSKOKA RIVER AT BAYSVILLE - STATION NO. 02EB008

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1941	---	---	---	---	1941
1942	---	79.6 ON MAY 28	5.78 ON JUL 08	669 000	1942
1943	---	108 ON MAY 19	9.22 ON SEP 10	851 000	1943
1944	---	23.5 ON MAY 15	7.02 ON APR 18	444 000	1944
1945	---	70.8 ON APR 01	5.69 ON APR 18	638 000	1945
1946	---	52.7 ON MAR 30	3.40 ON APR 21	583 000	1946
1947	---	103 ON MAY 04	9.97 ON NOV 08	926 000	1947
1948	---	77.9 ON APR 12	7.48 ON OCT 05	653 000	1948
1949	---	71.9 ON APR 17	3.45 ON JUL 06	669 000	1949
1950	---	59.7 ON FEB 01	5.69 ON JUN 23	653 000	1950
1951	---	116 ON APR 30	5.27 E ON JUN 16	932 000	1951
1952	---	83.5 ON APR 24	4.96 ON JUL 03	660 000	1952
1953	---	74.5 ON APR 03	4.56 ON OCT 17	582 000	1953
1954	---	86.4 ON OCT 22	6.74 ON JAN 01	765 000	1954
1955	---	87.8 ON APR 24	3.40 ON MAY 12	579 000	1955
1956	---	78.7 ON MAY 17	5.13 ON APR 26	690 000	1956
1957	---	126 ON JUL 06	0.510 ON MAY 07 *	872 000	1957
1958	---	88.0 ON JAN 01	2.04 ON MAY 23	543 000	1958
1959	---	89.8 ON MAY 03	4.96 ON JAN 21	779 000	1959
1960	---	117 ON APR 25	1.59 ON FEB 05	816 000	1960
1961	---	56.6 ON APR 29	5.27 ON MAY 13	478 000	1961
1962	---	31.7 ON MAY 09	1.20 ON JUL 20	414 000	1962
1963	---	55.2 ON APR 08	2.41 ON JUL 03	501 000	1963
1964	---	35.4 ON APR 26	0.510 ON APR 20	401 000	1964
1965	---	81.3 ON OCT 16	2.67 ON JUL 08	912 000	1965
1966	---	92.0 ON DEC 10	1.90 ON JUL 19	804 000	1966
1967	---	77.0R ON NOV 05	5.18 ON JUN 07	952 000	1967
1968	---	48.7 ON FEB 16	1.42 ON MAY 17	564 000	1968
1969	---	94.0 ON MAY 22	8.10 ON AUG 27	734 000	1969
1970	---	90.9 ON JUL 26	4.59 ON JUN 24	817 000	1970
1971	---	78.5 ON APR 26	3.11 ON JUN 24	591 000	1971
1972	---	87.5 ON MAY 10	4.16 ON SEP 29	924 000	1972
1973	---	78.4 ON APR 07	5.80 ON JUL 27	933 000	1973
1974	---	104 ON APR 25	1.81 ON JUL 26	905 000	1974
1975	---	76.2 ON MAY 05	2.41 ON JUL 13	631 000	1975
1976	---	112 ON APR 04	5.01 ON SEP 10	707 000	1976
1977	---	63.4 ON APR 04	2.41 ON JUL 30	615 000	1977
1978	---	65.7 ON MAY 06	3.23 ON JUL 12	681 000	1978
1979	---	95.8 ON APR 07	3.61 ON JUN 28	967 000	1979
1980	---	123 ON APR 18	2.02 ON JUL 15	926 000	1980
1981	---	81.2 ON SEP 06	2.62 ON AUG 03	832 000	1981
1982	---	100 ON APR 30	5.90 ON SEP 01	830 000	1982
1983	---	108 ON MAY 11	2.13 ON JUL 28	787 000	1983
1984	---	75.7 ON MAY 29	4.01 ON JUL 28	784 000	1984
1985	---	129 ON APR 28 *	2.95 ON JUL 23	1 000 000	1985
1986	---	81.3 ON APR 07	2.77 ON JUL 28	718 000	1986
1987	---	47.1 ON APR 06	1.23 ON AUG 02	439 000	1987
1988	---	85.9 ON APR 12	1.70 ON AUG 24	679 000	1988
1989	---	64.8 ON MAR 30	1.42 ON SEP 01	---	1989
1990	---	77.5 ON NOV 30	2.05 ON SEP 04	740 000	1990
	E - ESTIMATED	* - EXTREME RECORDED FOR THE PERIOD OF RECORD R - REVISED SINCE JAN 01 1989		720 000	MEAN

SOUTH BRANCH MUSKOKA RIVER AT BLACK BRIDGE - STATION NO. 02EB002

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1914	---	---	---	---	---	---	26.3	7.22	7.08	6.87	9.44	13.3	---	1914
1915	19.2	17.3	16.8	49.8	35.8	34.8	19.0	16.7	14.6	17.6	16.3	17.8	22.9	1915
1916	18.3	17.2	28.6	84.0	80.0	55.6	21.5	10.4	8.86	9.54	19.4	41.7	34.8	1916
1917	35.0	29.1	16.6	71.1	61.9	49.7	19.8	19.6	13.9	12.5	15.6	26.5	32.0	1917
1918	31.5	23.1	16.2	49.8	49.0	41.5	25.2	9.63	11.8	24.5	32.8	31.2	26.8	1918
1919	33.4	23.1	29.0	69.1	56.5	43.8	21.8	8.78	7.82	15.1	45.9	49.1	33.6	1919
1920	25.1	16.5	23.8	51.9	44.8	32.3	22.1	6.42	5.74	9.83	18.4	23.5	23.4	1920
1921	33.1	25.7	52.2	103	51.5	27.7	8.72	4.69	5.16	6.62	6.29	10.3	28.7	1921
1922	17.2	17.4	24.5	84.9	52.5	31.5	15.6	10.1	9.28	7.57	7.72	11.0	23.5	1922
1923	13.9	15.4	26.7	56.5	89.7	41.9	33.1	11.9	9.01	7.42	8.00	15.1	26.7	1923
1924	26.2	23.1	30.3	52.6	77.0	44.2	30.5	10.6	6.55	5.70	6.64	10.5	27.0	1924
1925	9.99	11.8	25.2	76.5	34.3	34.8	11.7	19.9	6.54	7.23	17.6	21.3	23.0	1925
1926	11.9	11.2	14.3	36.4	64.2	50.1	30.8	26.3	15.7	17.6	25.8	31.8	32.4	1926
1927	21.7	20.0	30.4	38.7	36.3	45.6	26.2	21.5	15.3	15.8	24.7	43.5	28.3	1927
1928	28.1	27.8	43.2	103	64.8	34.4	32.0	24.2	30.3	62.9	55.2	41.2	45.6	1928
1929	28.0	38.3	57.9	105	101	47.2	26.0	---	---	---	---	---	---	1929
MEAN	22.4	21.3	29.2	68.8	59.6	41.0	24.4	13.9	11.2	15.2	22.7	27.2	29.2	MEAN

LOCATION - LAT 44 59 00 N LONG 079 15 02 W

DRAINAGE AREA, 1 730 km^2

REGULATED

SOUTH BRANCH MUSKOKA RIVER AT BLACK BRIDGE - STATION NO. 02EB002

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1914	---	---	---	---	1914
1915	---	105 CN APR 15	14.2 CN FEB 18	724 000	1915
1916	---	127 R CN APR 26	7.93 CN OCT 13	1 100 000	1916
1917	---	103 CN APR 28	9.57R CN MAR 15	1 010 000	1917
1918	---	86.4R CN APR 27	7.93 CN AUG 16	845 000	1918
1919	---	92.0 CN APR 21	3.28 CN SEP 09	1 060 000	1919
1920	---	64.8 CN APR 04	4.19 CN OCT 22	739 000	1920
1921	---	135 CN APR 01	3.31 CN AUG 31	904 000	1921
1922	---	137 CN APR 21	6.63 CN OCT 03	742 000	1922
1923	---	98.8 CN MAY 23	7.05 CN OCT 19	842 000	1923
1924	---	105 CN MAY 24	2.83 CN SEP 18	854 000	1924
1925	---	86.9 CN APR 04	1.70 CN SEP 06 *	727 000	1925
1926	---	89.2 CN NOV 27	9.49 CN JUL 11	1 020 000	1926
1927	---	64.6 CN MAY 23	12.4 CN OCT 21	893 000	1927
1928	---	144 CN APR 08 *	14.4 CN AUG 18	1 440 000	1928
1929	---	121 CN MAY 04	---	---	1929
				921 000	MEAN

* - EXTREME RECORDED FOR THE PERIOD OF RECORD
R - REVISED SINCE JAN 01 1989

SOUTH BRANCH MUSKOKA RIVER AT MATHIAS - STATION NO. 02EB003

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1929	---	---	---	---	---	---	---	---	---	---	9.55	10.9	---	1929
1930	12.8	21.3	39.6	32.8	50.8	31.9	21.2	13.3	13.1	13.2	13.6	13.9	23.1	1930
1931	13.7	15.9	37.4	31.8	23.0	14.4	8.75	11.6	10.9	12.8	14.6	27.1	16.8	1931
1932	32.5	46.6	37.5	54.0	33.9	22.5	26.2	14.9	11.9	56.4	71.2	34.2	38.4	1932
1933	40.8	29.0	32.0	75.8	58.4	27.3	14.3	11.2	11.4	7.93	6.40	6.46	25.9	1933
1934	12.3	13.8	22.2	52.5	57.8	13.7	14.1	12.1	11.1	11.5	12.7	19.3	21.1	1934
1935	17.7	14.1	28.3	47.6	20.1	35.2	30.8	16.1	15.7	16.8	18.9	17.7	23.3	1935
1936	16.1	18.4	33.5	48.0	71.0	32.8	16.2	12.5	8.82	11.5	21.2	12.8	25.2	1936
1937	53.6	36.9	33.5	55.2	60.9	21.3	14.1	10.6	10.9	11.7	28.1	19.8	29.7	1937
1938	14.3	17.7	49.6	86.2	49.8	31.4	14.8	13.7	15.3	17.5	14.1	22.1	28.9	1938
1939	15.0	18.8	30.3	42.6	86.9	18.5	15.5	15.4	15.7	13.5	12.3	11.8	24.8	1939
1940	10.7	11.4	11.8	14.2	44.2	25.7	15.4	16.8	23.8	18.7	29.6	28.3	20.9	1940
1941	23.1	21.0	25.0	21.8	29.5	14.6	15.2	14.3	12.7	11.1	19.7	23.1	21.7	1941
1942	16.6	16.3	30.9	36.1	31.0	28.5	12.5	11.3	13.1	13.4	24.5	24.3	24.9	1942
1943	20.0	28.2	37.0	50.1	102	29.1	18.4	17.3	15.1	17.2	16.7	16.7	30.7	1943
1944	18.3	16.6	12.2	21.2	23.0	14.2	12.9	12.6	13.1	15.1	17.3	20.5	16.4	1944
1945	16.3	14.9	39.1	41.3	36.1	35.8	16.1	14.1	12.8	17.3	20.4	21.0	23.8	1945
1946	27.8	38.3	49.8	26.4	16.0	16.9	14.5	13.4	11.7	11.1	13.4	14.7	21.3	1946
1947	22.8	29.8	35.5	73.9	88.9	40.7	18.0	16.0	14.1	12.7	13.6	13.6	32.4	1947
1948	13.0	13.8	37.5	72.6	36.0	19.7	13.2	15.5	11.6	9.87	16.9	23.7	23.6	1948
1949	25.3	37.5	38.0	78.3	---	---	---	---	---	---	---	---	---	1949
MEAN	21.1	23.0	31.5	50.6	49.4	25.5	16.4	13.9	14.3	15.8	19.7	19.2	24.9	MEAN

LOCATION - LAT 44 59 20 N DRAINAGE AREA, 1 710 km^2
LONG 079 12 07 W REGULATED

SOUTH BRANCH MUSKOKA RIVER AT MATHIAS - STATION NO. 02EB003

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1929	---	---	---	---	1929
1930	---	72.8 CN MAY 09	10.0 CN DEC 16	729 000	1930
1931	---	40.8 CN APR 16	7.99 CN AUG 04	530 000	1931
1932	---	85.8 CN NOV 17	13.4 CN AUG 16	1 210 000	1932
1933	---	94.3 CN APR 12	4.76 CN DEC 14 *	815 000	1933
1934	---	71.1 CN MAY 03	9.17 CN OCT 29	666 000	1934
1935	---	73.3 CN JUN 20	12.2 CN OCT 29	734 000	1935
1936	---	93.4 CN MAY 05	8.61 CN SEP 10	799 000	1936
1937	---	85.5 CN MAY 01	8.78 CN AUG 30	936 000	1937
1938	---	116 CN MAR 24 *	10.4 CN DEC 26	910 000	1938
1939	---	101 CN MAY 16	6.63 CN JUN 09	781 000	1939
1940	---	71.1 CN MAY 31	7.79 CN APR 16	661 000	1940
1941	---	83.0 CN APR 28	8.44 CN OCT 18	886 000	1941
1942	---	95.0 CN MAY 27	5.13 CN JUL 02	785 000	1942
1943	---	111 CN MAY 13	9.34 CN SEP 10	958 000	1943
1944	---	34.8 CN APR 25	10.3 CN AUG 10	519 000	1944
1945	---	82.1 CN APR 03	10.9 CN SEP 18	751 000	1945
1946	---	66.5 CN MAR 22	9.00 CN OCT 04	672 000	1946
1947	---	108 CN MAY 03	11.0 CN OCT 29	1 020 000	1947
1948	---	90.9 CN APR 12	7.93 CN OCT 08	746 000	1948
1949	---	---	---	---	1949
				785 000	MEAN

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

SOUTH CASTOR RIVER AT KENMORE - STATION NO. 02LB020

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1978	---	---	---	---	---	---	---	---	---	---	---	---	---	1978
1979	0.133	0.058	9.68	5.59	0.979	0.353	---	0.139	0.269	0.464	0.152 1.72	0.149 4.03	--- 1.98	1979
1980	1.14	0.177	7.85	6.54	1.51	0.287	0.165	0.133	0.201	0.764	1.58	2.01	1.87	1980
1981	0.349	10.4	2.24	2.15	2.24	1.83	0.732	1.28	5.21	4.14	3.49	0.977	2.90	1981
1982	0.776	0.376	2.54	14.5	0.891	0.432	0.270	0.215	0.228	0.289	1.21	4.53	2.18	1982
1983	1.55	2.04	6.26	7.89	4.35	0.646	0.176	0.103	0.091	0.234	1.21	3.22	2.48	1983
1984	0.757	2.51	3.57	15.0	3.13	0.595	0.145	0.207	0.178	0.204	0.321	0.729	2.26	1984
1985	0.624	0.907	11.2	5.96	0.839	0.516	0.182	0.106	0.110	0.176	0.357	0.318	1.78	1985
1986	0.382	0.267	4.78	2.82	3.18	0.970	1.60	1.87	3.37	5.26	2.58	2.71	2.53	1986
1987	0.801	0.432	6.92	4.58	0.790	0.797	0.605	0.189	0.702	0.674	1.36	4.70	2.06	1987
1988	1.04	2.12	4.33	4.16	1.27	0.347	0.349	0.139	0.120	0.464	2.56	0.534	1.44	1988
1989	0.295	0.424	4.20	3.33	3.28	0.650	0.299	0.204	0.137	0.277	1.91	0.289	1.28	1989
1990	1.64	2.54	6.54	6.70	1.98	0.384	0.193	0.143	0.111	1.69	1.61	5.43	2.41	1990
MEAN	0.808	1.85	6.01	6.61	2.04	0.651	0.408	0.394	0.936	1.22	1.70	2.28	2.10	MEAN

LOCATION - LAT 45 13 40 N LONG 075 24 46 W DRAINAGE AREA, 189 km² NATURAL FLOW

SOUTH CASTOR RIVER AT KENMORE - STATION NO. 02LB020

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1978	---	---	---	---	1978
1979	48.5B AT 18:50 EST ON MAR 24	44.8 ON MAR 25	0.024B ON FEB 24	62 500	1979
1980	---	50.0B ON MAR 23 *	0.092 ON AUG 26	59 100	1980
1981	---	39.6B ON FEB 21	0.257 ON AUG 02	91 300	1981
1982	---	46.3B ON APR 02	0.130 ON AUG 22	68 700	1982
1983	22.2 AT 23:55 EST ON MAR 20	20.6 ON MAR 20	0.065 ON AUG 30	78 300	1983
1984	43.5 AT 23:09 EST ON APR 06	41.2 ON APR 07	0.002 ON JUL 25 *	71 400	1984
1985	---	31.0B ON MAR 14	0.068 ON SEP 24	56 100	1985
1986	42.1 AT 17:15 EST ON SEP 30	32.9 ON SEP 30	0.190B ON MAR 09	79 800	1986
1987	48.8 AT 02:50 EST ON MAR 26 *	46.4 ON MAR 26	0.101 ON AUG 25	65 000	1987
1988	---	22.0B ON MAR 26	0.102A ON AUG 23	45 700	1988
1989	---	36.1B ON MAR 28	0.105 ON OCT 01	40 300	1989
1990	37.5 AT 16:22 EST ON APR 04	29.6B ON DEC 30	0.074 ON SEP 21	76 100	1990
				66 200	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX) B - ICE CONDITIONS * - EXTREME RECORDED FOR THE PERIOD OF RECORD

SOUTH INDIAN CREEK NEAR LIMOGES - STATION NO. 02LB019

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1978	---	---	---	---	---	---	---	---	---	0.151	0.146	0.122	---	1978
1979	0.229	0.138	4.52	2.64	0.531	0.288	0.056	0.112	0.184	0.226	0.728	1.01	0.894	1979
1980	0.323	0.043	2.55	2.46	0.826	0.097	0.065	0.091	0.231	0.610	0.747	0.793	0.738	1980
1981	0.149	5.22	1.16	1.20	1.15	2.86	0.203	2.23	1.43	1.63	1.63	0.412	1.57	1981
1982	0.318	0.160	1.26	6.14	0.274	0.153	0.132	0.162	0.161	0.218	0.816	2.16	1.01	1982
1983	0.575	0.727	3.33	2.76	2.04	0.383	0.076	0.069	0.053	0.203	1.63	1.22	1.09	1983
MEAN	0.319	1.26	2.56	3.08	0.964	0.756	0.106	0.533	0.412	0.506	0.950	0.953	1.06	MEAN

LOCATION - LAT 45 21 47 N LONG 075 15 00 W DRAINAGE AREA, 72.3 km² NATURAL FLOW

REMARKS - STATION DISCONTINUED DEC 31 1983

SOUTH INDIAN CREEK NEAR LIMOGES - STATION NO. 02LB019

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1978	---	---	---	---	1978
1979	---	26.0E ON MAR 25	0.023E ON JUL 24	28 200	1979
1980	---	17.5B ON MAR 22	0.019 ON AUG 29	23 300	1980
1981	---	24.4B ON FEB 21	0.049 ON AUG 02	49 600	1981
1982	---	21.8B ON APR 01 *	0.018 ON AUG 22	31 900	1982
1983	---	16.0B ON MAR 19	0.016 ON SEP 14 *	34 400	1983
				33 500	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

SOUTH MAITLAND RIVER AT SUMMERHILL - STATION NO. 02FE009

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1967	---	---	---	---	---	---	---	---	---	5.15	14.8	12.1	---	1967
1968	4.23	22.2	17.0	3.51	1.12	0.742	0.297	2.10	0.456	1.68	6.06	9.31	5.67	1968
1969	10.1	11.0	14.9	19.2	9.36	1.16	0.308	0.154	0.067	0.335	3.89	2.88	6.08	1969
1970	2.00	2.86	6.23	20.2	3.07	0.635	1.32	1.18	0.389	1.26	3.17	6.32	4.04	1970
1971	3.06	4.07	14.6	20.9	1.19	2.04	0.431	0.163	0.149	0.141	0.204	3.11	4.15	1971
1972	3.94	1.77	12.5	20.3	1.89	0.767	0.766	0.155	0.095	1.30	2.59	9.86	4.67	1972
1973	17.7	4.11	18.3	4.76	4.93	1.32	0.312	0.242	0.081	0.116	3.58	5.01	5.08	1973
1974	11.9	4.92	12.1	11.9	10.1	1.79	0.423	0.147	0.096	0.228	3.80	1.74	4.94	1974
1975	9.82	7.23	15.3	18.8	2.09	2.65	0.636	4.54	3.38	0.771	2.54	9.66	6.44	1975
1976	4.18	23.4	31.9	6.90	5.34	0.591	1.38	0.251	0.528	0.598	4.96	1.80	6.76	1976
1977	1.09	1.49	35.8	4.85	0.785	0.413	0.087	1.25	4.48	7.76	10.3	9.84	6.57	1977
1978	2.33	1.55	0.77	29.7	2.84	1.31	0.190	0.007	2.33	7.77	2.59	4.35	5.31	1978
1979	3.90	1.52	33.8	18.3	2.91	0.678	0.446	0.131	0.058	1.22	12.1	14.7	7.53	1979
1980	2.98	0.795	21.2	13.9	3.22	1.20	0.438	1.73	0.670	3.38	2.44	7.86	5.02	1980
1981	0.761	33.6	9.22	4.93	5.68	1.07	0.410	0.236	2.75	13.6	4.98	4.07	6.59	1981
1982	4.04	1.00	22.3	26.5	1.28	3.67	0.469	0.459	0.537	0.524	11.9	21.0	7.83	1982
1983	4.35	8.06	3.74	6.18	8.88	2.38	0.249	0.417	1.51	2.00	4.79	10.3	4.38	1983
1984	1.93	25.3	14.1	5.77	2.20	4.61	0.435	0.160	0.529	0.432	9.71	14.6	6.57	1984
1985	4.63	17.4	33.0	17.4	1.88	3.11	1.58	2.65	6.00	7.13	14.1	6.15	9.51	1985
1986	9.44	3.35	24.7	4.08	3.32	1.55	0.494	3.24	24.0	15.6	3.01	6.03	8.28	1986
1987	2.67	1.08	17.4	7.35	0.777	0.953	1.47	1.58	0.480	3.29	12.1	16.0	5.46	1987
1988	4.58	6.43	19.7	4.85	2.22	0.332	0.062	0.076	0.233	8.88	14.1	9.57	5.92	1988
1989	7.94	3.17	10.8	6.55	1.05	2.14	0.157	0.102	0.096	0.137	5.27	1.15	3.21	1989
1990	17.7	9.97	10.7	4.76	4.76	1.18	1.63	0.285	0.527	11.8	14.8	15.6	7.82	1990
MEAN	5.88	8.53	17.7	12.2	3.52	1.58	0.608	0.928	2.15	3.96	6.99	8.46	5.99	MEAN

LOCATION - LAT 43 41 04 N LONG 081 32 38 W

DRAINAGE AREA, 376 km²
NATURAL FLOW

SOUTH MAITLAND RIVER AT SUMMERHILL - STATION NO. 02FE009

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1967	---	---	---	---	1967
1968	202 AT 14:15 EST ON FEB 02 *	169 ON FEB 02 *	0.110 ON JUL 30	179 000	1968
1969	93.7 AT 04:00 EST ON APR 05	80.7 ON APR 05	0.037 ON SEP 23	192 000	1969
1970	99.1 AT 19:00 EST ON APR 09	75.9 ON APR 10	0.127 ON AUG 29	127 000	1970
1971	62.9 AT 22:20 EST ON APR 02	57.5 ON APR 03	0.057 ON AUG 21	131 000	1971
1972	81.3 AT 18:59 EST ON DEC 31	66.0 ON DEC 31	0.062 ON SEP 23	148 000	1972
1973	71.4 AT 00:00 EST ON JAN 01	60.6 ON JAN 01	0.034 ON SEP 15	160 000	1973
1974	87.5 AT 05:22 EST ON MAY 17	65.7 ON MAY 17	0.051 ON SEP 11	156 000	1974
1975	179 AT 03:34 EST ON APR 19	112 ON APR 19	0.116 ON AUG 20	203 000	1975
1976	128 AT 01:31 EST ON MAR 21	102 ON MAR 21	0.116 ON AUG 25	214 000	1976
1977	---	148 ON MAR 14	0.004 ON JUL 28 *	207 000	1977
1978	98.8 AT 21:17 EST ON APR 07	80.4 ON APR 07	0.021 ON SEP 07	168 000	1978
1979	89.5 AT 03:41 EST ON APR 14	80.0B ON MAR 05	0.029 ON SEP 28	238 000	1979
1980	90.9 AT 12:39 EST ON MAR 21	76.9 ON MAR 21	0.110 ON SEP 12	159 000	1980
1981	181 AT 13:00 EST ON FEB 23	156 ON FEB 23	0.093 ON AUG 27	208 000	1981
1982	152 AT 20:58 EST ON MAR 31	113 ON APR 01	0.139 ON AUG 18	247 000	1982
1983	41.1 AT 01:53 EST ON DEC 14	38.5 ON DEC 14	0.061 ON SEP 15	138 000	1983
1984	97.7 AT 19:04 EST ON DEC 29	70.8 ON DEC 30	0.070E ON AUG 28	208 000	1984
1985	115 AT 18:18 EST ON MAR 28	99.0B ON FEB 24	0.193 ON AUG 05	300 000	1985
1986	105 AT 23:20 EST ON SEP 11	91.0A ON MAR 19	0.171 ON AUG 22	261 000	1986
1987	72.0 AT 22:18 EST ON NOV 25	53.0 ON NOV 26	0.157 ON SEP 10	172 000	1987
1988	75.5 AT 19:18 EST ON MAR 25	63.8 ON MAR 26	0.010 ON AUG 23	187 000	1988
1989	35.0 AT 19:00 EST ON MAR 29	34.5 ON MAR 29	0.044 ON AUG 03	101 000	1989
1990	85.1 AT 20:56 EST ON DEC 29	72.1 ON DEC 30	0.085 ON AUG 26	247 000	1990
				189 000	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX)
B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

SOUTH NATION RIVER AT CASSELMAN - STATION NO. 02LB013

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1974	24.0	32.1	99.7	160	75.9	9.63	4.19	4.88	3.20	3.52	13.1	20.4	37.5	1974
1975	---	---	---	---	---	---	---	0.676	6.57	22.1	33.4	39.2	---	1975
1976	4.36	18.3	185	86.8	39.6	3.71	2.54	3.25	2.42	17.7	13.2	3.43	31.8	1976
1977	0.970	0.829	164	52.0	4.21	0.756	2.20	1.20	2.54	39.8	33.8	35.0	28.4	1977
1978	49.5	21.6	31.8	253	11.3	1.92	0.642	0.704	0.446	0.568	1.25	1.99	31.0	1978
1979	4.99	5.32	139	71.5	11.9	4.05	0.872	0.678	13.2	13.5	31.5	46.6	28.8	1979
1980	12.4	1.24	93.2	77.2	17.7	1.72	0.688	0.752	2.91	14.7	32.1	31.0	23.9	1980
1981	4.18	135	27.4	26.2	29.2	27.9	7.81	19.8	39.5	48.7	48.1	16.0	35.0	1981
1982	9.36	2.51	57.7	154	9.47	5.16	1.67	4.39	2.84	3.56	22.2	53.3	27.0	1982
1983	18.5	20.9	75.3	93.5	55.0	5.84	0.815	0.686	0.248	1.61	40.0	56.3	30.8	1983
1984	10.9	62.9	42.2	165	31.9	5.44	0.506	2.40	1.04	0.688	1.68	6.20	27.2	1984
1985	7.74	11.3	120	60.3	6.75	5.25	2.66	0.741	0.450	1.73	11.7	0.15	19.8	1985
1986	18.9	4.39	72.5	36.6	24.9	9.06	17.0	28.3	25.9	59.7	37.0	34.8	31.0	1986
1987	8.73	3.13	98.8	---	---	---	---	---	---	---	13.8	---	---	1987
1988	4.90	16.2	49.5	44.2	12.1	---	---	---	---	12.0	43.6	4.04	---	1988
1989	---	---	---	45.0	---	---	---	---	---	---	33.2	---	---	1989
1990	---	---	---	90.4	---	---	---	---	---	---	23.4	---	---	1990
MEAN	12.8	24.0	89.7	94.4	25.4	6.70	3.47	5.11	7.79	17.1	25.5	25.5	29.4	MEAN

LOCATION - LAT 45 19 01 N LONG 075 05 32 W DRAINAGE AREA, 2 410 km² REGULATED

SOUTH NATION RIVER AT CASSELMAN - STATION NO. 02LB013

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1974	---	640 ON APR 05	3.09 ON SEP 20	1 180 000	1974
1975	---	---	0 ON AUG 18 *	---	1975
1976	1 010 AT 04:15 EST ON MAR 28 *	903 ON MAR 28 *	0.442 ON AUG 30	1 010 000	1976
1977	697 AT 20:13 EST ON MAR 14	690 ON MAR 14	0.408 ON JUN 17	896 000	1977
1978	827B AT 23:59 EST ON APR 14	736B ON APR 14	0.204 ON OCT 11	977 000	1978
1979	567 AT 04:42 EST ON MAR 25	536 ON MAR 25	0.159 ON JUL 23	908 000	1979
1980	549 AT 03:53 EST ON MAR 22	516 ON MAR 22	0.180 ON AUG 11	755 000	1980
1981	525 AT 09:51 EST ON FEB 21	499 ON FEB 21	1.01 ON AUG 01	1 100 000	1981
1982	921 AT 09:49 EST ON APR 01	846 ON APR 01	0.368 ON AUG 21	851 000	1982
1983	339 AT 19:49 EST ON MAR 19	263 ON MAR 20	0.079 ON SEP 16	970 000	1983
1984	549 AT 22:44 EST ON APR 05	491 ON APR 06	0.168 ON JUL 27	860 000	1984
1985	411 AT 01:26 EST ON MAR 14	392 ON MAR 14	0.234 ON SEP 26	624 000	1985
1986	401 AT 23:33 EST ON MAR 19	270 ON MAR 20	3.23 ON MAR 02	978 000	1986
1987	---	367B ON MAR 26	---	---	1987
1988	303 AT 23:43 EST ON MAR 26	272 ON MAR 27	---	---	1988
1989	512 AT 01:24 EST ON MAR 29	430 ON MAR 29	---	---	1989
1990	424 AT 10:11 EST ON APR 04	---	---	---	1990
				926 000	MEAN

B - ICE CONDITIONS * - EXTREME RECORDED FOR THE PERIOD OF RECORD

SOUTH NATION RIVER AT CHESTERVILLE - STATION NO. 02LB009

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1950	---	---	---	---	---	---	---	---	---	---	---	---	---	1950
1951	---	---	---	---	---	---	---	---	---	---	---	---	---	1951
1952	---	---	---	---	---	---	---	---	---	---	---	---	---	1952
1955	---	---	---	63.9	---	---	---	---	---	---	---	---	---	1955
1956	---	---	---	59.4	---	---	---	---	---	---	---	---	---	1956
1957	---	---	---	9.92	---	---	---	---	---	---	---	---	---	1957
1958	---	---	---	23.4	---	---	---	---	---	---	---	---	---	1958
1959	---	---	15.5	66.7	---	---	---	---	---	---	---	---	---	1959
1960	---	---	6.23	121	---	---	---	---	---	---	---	---	---	1960
1961	---	---	20.0	22.4	---	---	---	---	---	---	---	---	---	1961
1962	---	---	24.5	67.9	---	---	---	---	---	---	---	---	---	1962
1963	---	---	14.9	---	---	---	---	---	---	---	---	---	---	1963
1964	---	---	31.1	22.4	---	---	---	---	---	---	---	---	---	1964
1965	---	---	22.2	19.3	---	---	---	---	---	---	---	---	---	1965
1966	---	---	54.5	13.0	---	---	---	---	---	---	---	---	---	1966
1967	---	---	12.8	45.5	---	---	---	---	---	---	---	---	---	1967
1968	---	---	53.6	29.3	---	---	---	---	---	---	---	---	---	1968
1969	---	---	28.4	64.3	---	---	---	---	---	---	---	---	---	1969
1970	---	---	16.4	91.5	6.13	---	---	---	---	---	---	---	---	1970
1971	---	---	19.9	131	---	---	---	---	---	---	---	---	---	1971
1972	1.24	0.532	3.05	96.7	14.1	12.4	9.29	1.89	0.188	9.56	31.0	16.0	16.2	1972
1973	12.3	10.7	88.3	34.4	33.2	20.2	1.52	0.219	0.206	2.43	4.36	9.08	18.2	1973
1974	13.3	10.2	46.8	70.4	30.6	3.19	1.85	0.231	0.062	0.079	1.95	5.15	15.3	1974
1975	---	---	---	60.0	---	---	---	---	---	---	---	---	---	1975
1976	---	---	---	41.9	---	---	---	---	---	---	---	---	---	1976
1977	---	---	77.3	34.5	5.03	---	---	---	---	---	---	---	---	1977
1978	---	---	18.6	109	---	---	---	---	---	---	---	---	---	1978
1979	---	---	51.8	20.8	---	---	---	---	---	---	---	---	---	1979
1980	---	---	45.3	39.6	6.10	---	---	---	---	---	---	---	---	1980
1981	---	---	13.6	---	---	---	---	---	---	---	---	---	---	1981
1982	---	---	---	63.6	---	---	---	---	---	---	---	---	---	1982
1984	---	---	18.8	---	---	---	---	---	---	---	---	---	---	1984
1989	---	---	---	---	---	---	---	---	---	---	---	---	---	1989
MEAN	8.95	7.14	31.1	54.7	15.9	11.9	4.22	0.780	0.152	4.02	12.4	10.1	16.6	MEAN

LOCATION - LAT 45 06 03 N LONG 075 13 36 W DRAINAGE AREA, 1 050 km² REGULATED

REMARKS - SPRING FRESHET OPERATION ONLY. NO DATA FOR 1983, 1985 OR 1986

SOUTH NATION RIVER AT CHESTERVILLE - STATION NO. 02LB009

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1950	---	278 ON APR 05 *	---	---	1950
1951	---	178 ON APR 01	---	---	1951
1952	---	177 ON APR 03	---	---	1952
1955	---	191 B ON APR 06	---	---	1955
1956	---	178 B ON APR 05	---	---	1956
1957	---	60.6 ON MAR 17	---	---	1957
1958	---	155 ON MAR 28	---	---	1958
1959	---	213 ON APR 03	---	---	1959
1960	---	236 ON APR 07	---	---	1960
1961	---	91.5 ON MAR 29	---	---	1961
1962	---	253 ON MAR 31	---	---	1962
1963	---	245 B ON APR 01	---	---	1963
1964	---	91.2 ON MAR 07	---	---	1964
1965	---	99.1B ON MAR 07	---	---	1965
1966	---	128 ON MAR 20	---	---	1966
1967	---	142 B ON APR 03	---	---	1967
1968	---	181 ON MAR 29	---	---	1968
1969	---	135 B ON MAR 29	---	---	1969
1970	---	194 ON APR 10	---	---	1970
1971	---	272 ON APR 14	---	---	1971
1972	---	216 ON APR 17	0.113 ON JUN 18	513 000	1972
1973	---	215 ON MAR 18	0.133 ON SEP 11	573 000	1973
1974	---	191 ON APR 05	0.031 ON SEP 07	483 000	1974
1975	---	116 ON APR 17	---	---	1975
1976	---	241 B ON MAR 28	---	---	1976
1977	---	236 ON MAR 14	---	---	1977
1978	---	219 ON APR 14	---	---	1978
1979	---	120 ON MAR 25	---	---	1979
1980	---	158 B ON MAR 23	0 ON MAR 02 *	---	1980
1981	---	172 B ON FEB 21	---	---	1981
1982	---	242 B ON APR 01	---	---	1982
1984	---	185 ON APR 06	---	---	1984
1989	208 AT 04:30 EST ON MAR 29 *	182 ON MAR 29	---	---	1989
	B - ICE CONDITIONS	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		523 000	MEAN

SOUTH NATION RIVER AT SPENCERVILLE - STATION NO. 02LB007

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1948	---	---	15.4	5.75	3.71	1.63	1.19	0.609	0.104	0.028	0.757	1.94	---	1948
1949	---	---	11.0	12.4	3.57	0.681	0.066	0.028	0.028	0.028	0.223	3.52	---	1949
1950	8.97	1.17	5.54	23.3	1.68	0.850	0.079	0.028	0.028	0.028	0.921	3.55	3.84	1950
1951	7.41	3.09	17.7	12.1	1.47	0.513	3.49	0.340	0.085	0.028	2.76	3.05	4.36	1951
1952	4.47	4.98	5.41	11.4	3.59	1.13	0.255	1.22	0.768	1.44	0.880	3.79	3.27	1952
1953	4.51	4.55	12.4	4.44	5.03	0.918	0.396	0.198	0.914	0.028	0.340	2.34	2.61	1953
1954	0.880	4.53	24.1	18.2	4.22	1.02	0.993	0.157	1.79	3.50	7.58	3.51	5.87	1954
1955	2.47	0.838	18.4	16.6	2.02	0.736	0.173	0.332	0.168	4.21	3.68	0.555	4.19	1955
1956	0.753	0.103	0.597	19.3	7.15	3.55	0.512	0.093	0	0	0.324	1.18	2.78	1956
1957	1.16	2.40	6.18	4.70	2.82	1.07	0.816	0.078	0	0	0.085	1.91	1.77	1957
1958	1.02	0.307	9.80	6.95	2.88	0.603	0.218	0	0	0.269	1.26	0.821	2.02	1958
1959	0.660	0.534	6.51	15.9	1.14	0.313	1.14	0.594	0.610	2.13	2.80	5.21	3.13	1959
1960	0.880	1.58	3.07	32.9	3.16	1.45	0.227	0.028	0.018	0.010	0.008	0.003	3.57	1960
1961	0	0.044	5.43	7.43	2.38	1.52	0.691	0.253	0.128	0.083	0.022	0.786	1.57	1961
1962	0.296	0.239	7.11	12.6	1.48	0.220	0.074	0.019	0.009	0.091	2.18	0.961	2.11	1962
1963	0.318	0.298	7.18	8.29	4.92	0.526	0.213	0.033	0.011	0.011	0.015	0.487	1.87	1963
1964	1.65	0.756	6.25	6.45	2.42	0.548	0.212	0.008	0.008	0.009	0.013	0.041	1.53	1964
1965	0.210	1.81	4.08	5.90	1.41	0.293	0.127	0.013	0.015	0.068	3.22	4.23	1.77	1965
1966	1.74	0.896	12.7	4.04	1.16	0.647	0.149	0.032	0.010	0.012	0.047	1.58	1.95	1966
1967	1.64	1.69	3.04	8.51	2.22	1.35	0.293	0.148	0.004	0.261	4.01	2.81	2.15	1967
1968	0.476	1.46	11.7	5.79	1.41	2.18	1.73	0.156	0.211	0.155	3.60	4.40	2.78	1968
1969	1.61	2.41	7.04	13.4	4.30	4.52	0.984	0.539	0.271	0.272	2.04	3.16	3.37	1969
1970	0.495	1.35	5.30	19.5	2.21	0.432	2.05	0.649	0.395	1.18	5.32	2.52	3.43	1970
1971	2.04	1.74	5.17	26.0	3.68	0.377	0.191	0.085	0.076	0.080	0.118	1.45	3.39	1971
1972	1.36	0.711	1.23	22.2	4.11	3.96	3.19	0.821	0.105	1.41	6.06	3.70	4.04	1972
1973	5.92	4.14	16.1	6.95	5.50	1.86	0.259	0.071	0.037	0.097	0.510	2.06	3.64	1973
1974	4.97	3.11	8.06	14.3	5.57	0.895	0.299	0.064	0.025	0.038	0.786	2.57	3.39	1974
1975	3.33	0.949	8.68	10.9	0.992	0.199	0.010	0.009	0.358	1.61	4.17	4.21	2.96	1975
1976	0.750	6.44	19.5	6.31	6.82	1.02	1.34	0.905	1.18	3.45	2.51	1.08	4.28	1976
1977	0.486	0.492	18.7	6.28	1.21	0.087	0.022	0.037	0.125	3.47	4.04	6.03	3.44	1977
1978	6.52	3.34	6.30	20.1	1.54	0.199	0.035	0.044	0.023	0.045	0.205	0.600	3.23	1978
1979	1.33	0.934	13.1	7.97	1.67	0.564	0.069	0.016	1.66	1.71	4.02	4.64	3.15	1979
1980	2.27	0.207	9.50	9.60	2.77	0.377	0.068	0.052	0.162	1.13	3.13	4.30	2.80	1980
1981	0.508	13.4	3.61	3.10	2.62	1.79	0.483	0.774	3.16	5.13	5.35	1.64	3.39	1981
1982	1.88	0.760	7.99	15.3	1.81	2.30	0.362	0.135	0.305	0.302	2.55	5.14	3.24	1982
1983	1.99	2.56	7.04	10.8	6.46	0.724	0.043	0.017	0.004	0.050	3.29	6.51	3.29	1983
1984	1.03	7.56	4.39	15.8	3.91	0.947	0.037	0.009	0.005	0.010	0.052	0.144	2.78	1984
1985	0.318	1.45	9.50	5.26	0.905	0.872	0.405	0.033	0.108	0.434	3.53	1.74	2.05	1985
1986	2.96	1.01	8.43	4.21	1.94	2.14	2.67	6.69	2.43	6.13	4.59	4.84	4.03	1986
1987	1.68	0.918	10.4	5.05	0.937	0.437	0.066	0.018	0.026	0.264	1.46	6.98	2.37	1987
1988	0.588	1.47	6.51	5.68	2.95	0.217	0.008	0.050	0.041	1.40	5.89	0.983	2.14	1988
1989	0.788	0.841	6.00	6.47	5.23	2.90	0.751	0.105	0.073	0.523	3.85	1.05	2.38	1989
1990	2.47	4.68	9.73	9.73	4.66	1.52	0.744	0.263	0.028	1.32	2.02	7.91	3.75	1990
MEAN	2.02	2.19	8.97	11.3	3.07	1.17	0.632	0.366	0.340	0.987	2.33	2.79	3.02	MEAN

LOCATION - LAT 44 50 32 N DRAINAGE AREA, 246 km²
LONG 075 32 38 W NATURAL FLOW

SOUTH NATION RIVER AT SPENCERVILLE - STATION NO. 02LB007

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1948	80.1 AT 06:30 EST ON MAR 21	62.0 ON MAR 21	---	---	1948
1949	---	32.8 ON APR 07	---	---	1949
1950	125 AT 07:00 EST ON APR 06 *	102 ON APR 06 *	0.028E ON MAR 05	121 000	1950
1951	60.9 AT 21:00 EST ON MAR 31	55.5 ON APR 01	0.028E ON OCT 01	137 000	1951
1952	43.3 AT 21:00 EST ON APR 06	39.4 ON APR 06	0.113 ON JUL 02	103 000	1952
1953	45.3 AT 05:00 EST ON MAR 27	45.0 ON MAR 27	0.014E ON SEP 01	82 300	1953
1954	60.9 AT 06:00 EST ON APR 09	53.5 ON APR 09	0.057E ON AUG 08	185 000	1954
1955	60.9 AT 23:55 EST ON APR 02	54.1 ON APR 03	0.028E ON JUL 18	132 000	1955
1956	---	70.2 ON APR 06	0 ON AUG 09 *	87 800	1956
1957	---	21.1 ON FEB 28	0 ON AUG 05	55 700	1957
1958	---	47.9 ON MAR 28	0 B ON JAN 26	63 800	1958
1959	66.3 AT 06:00 EST ON APR 03	64.0 ON APR 03	0.057 ON JUL 05	98 800	1959
1960	---	99.7 ON APR 06	0 E ON DEC 21	113 000	1960
1961	20.0B AT 14:15 EST ON MAR 29	20.0B ON MAR 29	0 B ON JAN 01	49 400	1961
1962	60.3B AT 20:00 EST ON MAR 30	57.5B ON MAR 30	0.003 ON SEP 19	66 400	1962
1963	70.2B AT 07:00 EST ON MAR 31	63.7B ON MAR 31	0.006 ON SEP 25	58 900	1963
1964	18.8 AT 06:00 EST ON MAR 07	18.0 ON MAR 07	0 ON AUG 19	49 500	1964
1965	17.9B AT 00:01 EST ON MAR 07	16.8B ON MAR 07	0.006 ON JUL 25	55 700	1965
1966	27.7 AT 13:00 EST ON MAR 20	27.1 ON MAR 20	0 ON SEP 30	61 400	1966
1967	30.0 AT 06:00 EST ON APR 02	29.2 ON APR 02	0 ON SEP 17	67 900	1967
1968	39.4 AT 09:00 EST ON MAR 22	38.2 ON MAR 22	0 ON OCT 20	87 900	1968
1969	38.2B AT 09:35 EST ON MAR 26	37.4B ON MAR 26	0.144 ON SEP 21	106 000	1969
1970	62.0B AT 04:05 EST ON APR 10	56.6B ON APR 10	0.147 ON JUL 05	108 000	1970
1971	62.9 AT 07:05 EST ON APR 15	61.4 ON APR 14	0.007 ON SEP 29	107 000	1971
1972	58.0 AT 06:50 EST ON APR 18	56.9 ON APR 18	0.014 ON SEP 28	128 000	1972
1973	---	45.6 ON MAR 18	0.020 ON SEP 14	115 000	1973
1974	77.3 AT 18:55 EST ON APR 05	74.8 ON APR 05	0.010 ON SEP 11	107 000	1974
1975	42.8 AT 04:30 EST ON [illegible] 20	40.2 ON APR 20	0.005 ON AUG 19	93 300	1975
1976	52.4 AT 00:01 EST ON [illegible] 29	48.1B ON MAR 28	0.266 ON AUG 07	135 000	1976
1977	----	77.3B ON MAR 15	0.005 ON JUN 26	109 000	1977
1978	47.6B AT 05:00 EST ON [illegible] 4	42.2B ON APR 14	0.010 ON JUL 21	102 000	1978
1979	---	29.4B ON MAR 25	0.009 ON AUG 23	99 500	1979
1980	---	51.7B ON MAR 23	0.021 ON AUG 30	88 700	1980
1981	---	46.0B ON FEB 21	0.097 ON AUG 11	107 000	1981
1982	---	61.4B ON APR 01	0.024 ON AUG 19	102 000	1982
1983	24.3 AT 13:11 EST ON MAR 20	23.4 ON MAR 20	0.001 ON SEP 15	104 000	1983
1984	52.6 AT 18:03 EST ON APR 06	50.0 ON APR 06	0.002R ON SEP 30	87 900	1984
1985	---	26.9B ON MAR 14	0.007 ON AUG 24	64 500	1985
1986	---	27.1B ON MAR 20	0.463 ON MAY 19	127 000	1986
1987	38.9 AT 22:32 EST ON MAR 25	36.2 ON MAR 26	0.003 ON SEP 03	74 900	1987
1988	---	33.5B ON MAR 27	0.003 ON AUG 12	67 800	1988
1989	---	30.4B ON MAR 29	0.028 ON SEP 14	75 200	1989
1990	37.9 AT 08:34 EST ON MAR 18	36.7 ON MAR 18	0.012 ON SEP 19	118 000	1990
				95 200	MEAN

B - ICE CONDITIONS
E - ESTIMATED

* - EXTREME RECORDED FOR THE PERIOD OF RECORD
R - REVISED SINCE JAN 01 1989

SOUTH NATION RIVER NEAR PLANTAGENET SPRINGS - STATION NO. 02LB005

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1915	---	---	---	78.3	9.85	4.78	1.50	7.09	6.88	4.07	3.38	3.03	---	1915
1916	24.3	27.7	52.3	336	95.4	47.6	10.6	4.79	3.14	4.53	4.74	10.2	51.4	1916
1917	3.66	2.29	85.0	226	19.3	11.5	8.98	9.17	4.50	24.6	19.9	6.84	35.0	1917
1918	2.57	2.84	116	255	15.2	5.55	3.33	3.84	7.68	73.7	92.3	73.5	54.4	1918
1919	17.4	7.49	195	205	59.8	12.0	11.1	5.04	5.09	10.7	68.0	13.5	51.0	1919
1920	0.896	0.351	185	113	15.9	3.64	4.39	3.00	4.16	10.1	16.8	66.4	35.5	1920
1921	21.6	7.09	348	74.5	7.69	6.91	4.50	3.66	2.21	4.60	13.7	20.3	43.4	1921
1922	1.47	1.42	138	160	15.2	20.3	13.1	6.98	2.74	3.14	2.82	2.41	30.7	1922
1923	1.36	0.658	11.0	220	36.1	26.1	5.51	2.91	3.16	6.38	14.4	50.0	31.3	1923
1924	9.70	17.1	157	254	59.0	2.28	1.98	2.00	1.42	6.52	3.81	16.5	44.2	1924
1925	0.566	24.1	265	78.4	16.7	7.20	4.40	4.66	8.40	10.1	56.7	82.1	46.8	1925
1926	14.1	6.88	5.49	336	40.8	8.81	9.16	1.33	2.33	15.7	91.3	16.5	45.1	1926
1927	8.62	17.9	244	41.1	60.1	13.2	7.76	3.02	1.65	0.991	146	66.2	51.2	1927
1928	17.8	14.9	111	344	29.2	12.5	9.29	21.3	9.48	111	46.0	45.7	67.7	1928
1929	54.8	4.89	280	176	67.9	7.09	4.09	2.07	0.448	0.452	7.63	1.16	51.0	1929
1930	52.2	47.8	74.8	153	15.3	6.67	5.56	0.329	0	0	0	0	29.4	1930
1931	0	0	52.3	43.9	9.17	5.61	0.589	0.283	0.283	0.283	1.74	24.5	11.6	1931
1932	69.1	50.1	33.2	316	22.4	7.53	4.80	5.28	4.79	10.9	27.4	39.9	48.9	1932
1933	39.5	15.6	13.7	282	42.0	5.83	4.89	6.27	3.83	3.02	7.05	9.65	35.9	1933
1934	---	---	---	461	16.4	12.5	3.45	4.16	4.30	3.31	6.18	7.56	---	1934
1935	---	---	159	103	34.2	28.0	11.8	11.6	6.54	11.8	11.3	5.87	---	1935
1936	---	---	237	107	27.8	4.48	3.40	3.24	2.66	11.9	28.9	27.4	---	1936
1937	---	---	---	226	49.6	8.51	8.07	9.62	4.79	9.04	63.7	11.4	---	1937
1938	10.0	---	260	136	14.9	3.85	3.20	2.32	2.66	2.10	2.26	---	---	1938
1939	---	---	---	297	31.0	7.23	4.90	8.03	5.85	---	---	---	---	1939
1940	---	---	---	314	---	---	---	---	---	---	---	---	---	1940
1941	---	---	---	142	---	---	---	---	---	---	---	---	---	1941
1942	---	---	---	112	---	---	---	---	---	---	---	---	---	1942
1943	---	---	---	---	---	---	---	---	---	---	---	---	---	1943
1944	---	---	---	98.3	---	---	---	---	---	---	---	---	---	1944
1945	---	---	---	98.6	123	35.6	23.8	4.69	24.3	69.1	62.4	14.8	---	1945
1946	---	---	---	47.4	47.7	7.03	2.18	2.32	2.46	8.15	35.6	---	---	1946
1947	---	---	---	370	114	40.6	63.0	9.74	18.4	8.33	12.5	11.4	---	1947
1948	---	---	---	64.1	21.4	4.11	4.38	3.66	2.82	2.86	11.9	8.89	---	1948
1949	17.1	8.67	124	214	16.2	3.91	1.62	1.65	2.58	3.11	4.05	45.6	36.9	1949
1950	72.9	10.1	26.6	315	12.2	6.35	6.38	6.03	3.89	3.05	36.2	40.6	44.8	1950
1951	47.9	24.8	193	322	13.8	3.39	24.2	4.67	6.47	4.32	31.5	36.6	59.7	1951
1952	25.6	66.7	80.3	287	59.9	16.0	14.2	25.4	12.7	31.3	16.0	31.9	55.2	1952
1953	17.8	29.3	192	72.4	37.8	6.35	3.61	3.77	2.12	1.98	0.708	4.46	31.6	1953
1954	2.07	5.67	66.7	317	45.2	10.5	4.53	2.38	36.2	52.7	83.1	32.9	54.7	1954
1955	20.5	4.37	94.6	319	8.52	1.60	0.566	1.21	1.01	10.0	7.37	1.90	39.0	1955
1956	6.95	1.28	3.58	185	57.0	20.6	8.81	2.55	3.67	1.43	1.78	3.55	24.5	1956
1957	10.8	9.89	83.1	48.8	15.1	8.18	10.9	1.15	0.858	1.22	5.20	24.4	19.4	1957
1958	4.57	1.44	90.5	133	24.6	7.01	6.86	2.07	12.7	14.7	18.7	7.37	27.1	1958
1959	3.78	5.96	22.3	174	7.08	2.60	2.16	2.32	3.49	8.85	18.9	42.0	24.4	1959
1960	2.41	9.06	22.0	403	28.6	27.1	5.30	1.18	0.913	1.30	3.08	1.91	41.6	1960
1961	1.40	2.02	66.7	123	25.9	18.0	15.7	10.5	4.93	2.08	4.21	13.8	24.1	1961
1962	3.16	2.14	50.1	255	30.9	2.67	2.56	2.06	1.58	6.78	36.0	12.6	33.6	1962
1963	3.80	4.81	23.5	209	51.2	7.25	2.00	2.01	12.4	3.74	32.1	19.0	30.5	1963
1964	12.2	7.74	92.5	91.2	9.87	3.26	1.79	0.669	0.643	0.710	1.33	15.1	19.8	1964
1965	4.08	5.55	60.6	80.5	11.1	1.76	0.890	2.16	7.40	24.5	61.6	44.1	25.4	1965
1966	31.4	9.74	190	67.5	17.9	6.31	1.31	1.65	1.17	1.10	7.90	33.7	30.2	1966
1967	8.39	8.97	24.5	235	17.8	9.18	7.02	3.09	2.86	17.4	68.6	34.1	36.1	1967
1968	5.23	11.5	183	106	11.4	10.5	26.6	3.03	3.32	2.74	22.3	38.1	35.4	1968
1969	9.41	16.8	86.9	279	65.6	22.4	6.58	19.1	2.32	2.13	21.3	30.7	46.7	1969
1970	4.10	11.0	24.2	325	33.2	3.97	4.52	1.86	2.77	8.07	45.0	27.3	40.6	1970
1971	9.82	14.0	29.7	412	35.5	3.97	2.37	2.22	2.57	3.66	5.48	38.8	46.3	1971
1972	9.33	6.70	10.2	376	54.1	51.9	98.4	45.3	4.12	61.2	93.1	36.5	70.3	1972
1973	54.4	36.1	314	114	82.8	55.4	10.5	41.2	4.74	21.9	23.8	43.3	67.4	1973
1974	42.2	39.1	150	263	112	18.1	4.40	5.09	1.95	2.14	21.3	32.0	57.6	1974
1975	34.9	8.59	103	260	14.2	10.5	1.48	0.931	9.67	37.6	51.9	58.4	49.2	1975
1976	3.83	25.1	238	236	72.6	13.4	8.25	6.40	7.31	35.0	29.1	9.44	57.0	1976
1977	2.63	2.97	256	111	11.1	2.63	4.99	4.52	14.1	79.8	63.6	61.7	51.8	1977
1978	92.4	34.4	44.9	429	22.5	5.70	1.61	1.41	1.18	1.68	3.32	3.68	53.0	1978
1979	8.35	8.64	215	129	23.0	9.46	2.18	2.45	22.6	21.0	50.6	76.5	47.6	1979
1980	23.2	2.69	141	122	34.3	3.91	2.80	2.61	7.09	23.0	34.7	48.0	37.2	1980
1981	5.98	210	49.3	48.1	42.7	57.4	11.9	49.2	69.3	79.1	78.7	23.5	59.2	1981
1982	14.0	5.65	77.4	267	16.2	9.95	2.99	4.28	4.93	6.03	34.2	84.8	43.8	1982
1983	34.5	40.9	133	141	91.0	12.7	2.15	1.47	1.11	4.29	63.2	90.9	51.5	1983
1984	14.3	90.5	63.4	274	44.5	10.2	1.96	4.55	1.53	2.28	6.59	15.7	43.5	1984
1985	9.17	20.1	215	110	12.2	7.01	3.23	1.28	1.39	3.79	16.6	11.2	34.4	1985
1986	28.1	7.95	118	64.9	51.4	13.9	10.6	31.5	38.3	84.6	53.2	55.8	47.6	1986
1987	15.3	6.05	160	95.7	13.6	18.8	14.1	3.25	8.16	12.0	22.9	104	39.9	1987
1988	13.2	33.1	87.5	92.6	28.4	4.36	5.09	2.86	2.30	23.2	79.9	12.6	32.0	1988
1989	5.40	8.69	99.8	101	70.5	26.7	3.70	4.43	2.07	7.94	63.4	8.52	33.5	1989
1990	39.8	60.8	152	158	41.5	8.10	8.21	6.01	2.80	54.0	44.2	100	56.2	1990
MEAN	18.8	19.4	119	195	36.8	12.9	8.62	6.69	6.76	17.1	31.8	30.8	42.1	MEAN

LOCATION - LAT 45 30 23 N LONG 074 57 20 W

DRAINAGE AREA, 3 810 km²
REGULATED

SOUTH NATION RIVER NEAR PLANTAGENET SPRINGS - STATION NO. 02LB005

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1915	---	---	---	---	1915
1916	---	705 ON APR 04	2.27 ON AUG 29	1 620 000	1916
1917	---	807 ON APR 03	1.42 ON FEB 18	1 110 000	1917
1918	---	983 ON APR 03	1.42 ON JAN 20	1 710 000	1918
1919	---	714 ON MAR 27	2.27 ON AUG 14	1 610 000	1919
1920	---	682 ON MAR 26	0 ON FEB 19 *	1 120 000	1920
1921	---	640 ON MAR 22	0.566 ON JUN 23	1 370 000	1921
1922	---	496 ON MAR 16	0.566 ON JAN 26	969 000	1922
1923	---	575 ON APR 14	0.566 ON JAN 30	988 000	1923
1924	---	671 ON APR 08	0 ON JUL 11	1 400 000	1924
1925	---	748 ON MAR 28	0.566 ON JAN 01	1 480 000	1925
1926	---	949 ON APR 24	0.991 ON JUL 25	1 420 000	1926
1927	---	818 ON MAR 19	0.991 ON AUG 13	1 610 000	1927
1928	---	1 010 ON APR 06	1.84 ON JUN 21	2 140 000	1928
1929	---	767 ON MAR 24	0.283 ON SEP 08	1 610 000	1929
1930	---	510 ON APR 07	0 ON AUG 13	926 000	1930
1931	---	247 ON MAR 31	0 ON JAN 01	367 000	1931
1932	---	750 ON APR 12	2.83 ON SEP 22	1 550 000	1932
1933	---	595 ON APR 06	0.651 ON JUN 28	1 130 000	1933
1934	---	1 010 ON APR 10	2.75 ON JUL 01	---	1934
1935	---	396 ON MAR 26	2.41 B ON DEC 31	---	1935
1936	---	651 ON MAR 26	---	---	1936
1937	---	784 ON APR 09	2.41 ON OCT 10	---	1937
1938	---	1 180B ON MAR 26	1.59 ON JUL 21	---	1938
1939	---	864 ON APR 22	---	---	1939
1940	---	685 ON APR 13	---	---	1940
1941	---	535 ON APR 07	---	---	1941
1942	---	640 ON MAR 28	---	---	1942
1943	---	580 ON APR 04	---	---	1943
1944	---	---	---	---	1944
1945	---	688 ON MAR 23	---	---	1945
1946	---	---	---	---	1946
1947	---	1 080 ON APR 10	2.46 ON OCT 25	---	1947
1948	---	728 ON MAR 23	1.87 ON SEP 18	---	1948
1949	---	745 ON MAR 31	1.16 ON JUL 07	1 160 000	1949
1950	---	951 ON APR 07	1.42 ON AUG 24	1 410 000	1950
1951	---	1 190E ON APR 02 *	2.83 ON JUN 14	1 880 000	1951
1952	---	926 ON APR 06	4.19 ON AUG 01	1 750 000	1952
1953	---	456 ON MAR 27	0.566E ON DEC 01	997 000	1953
1954	---	923 ON APR 10	0.566 ON FEB 11	1 720 000	1954
1955	---	1 010 ON APR 08	0.566 ON JUN 11	1 230 000	1955
1956	---	578 ON APR 08	0.736 ON JAN 06	774 000	1956
1957	---	240 ON MAR 16	0.283 ON OCT 03	580 000	1957
1958	---	660 ON MAR 31	1.30 B ON FEB 13	856 000	1958
1959	---	544 ON APR 06	1.30 ON AUG 08	768 000	1959
1960	883 AT 24:00 EST ON APR 12	813 ON APR 13	0.694 ON OCT 13	1 320 000	1960
1961	382 ON MAR 29	382 ON MAR 29	0.725 ON JAN 27	759 000	1961
1962	665 AT 24:00 EST ON APR 08	654 ON APR 01	0.920 ON SEP 01	1 060 000	1962
1963	869 ON APR 03	869 ON APR 03	0.821 ON JUL 31	963 000	1963
1964	365 AT 06:30 EST ON MAR 06	334 ON MAR 06	0.408 ON SEP 29	625 000	1964
1965	261 AT 05:00 EST ON MAR 08	250 ON NOV 28	0.595 ON JUL 31	801 000	1965
1966	462B AT 21:00 EST ON MAR 20	442B ON MAR 20	0.793 ON SEP 20	954 000	1966
1967	883 AT 19:15 EST ON APR 03	821 ON APR 04	0.524 ON SEP 20	1 140 000	1967
1968	852 AT 01:10 EST ON MAR 30	816 ON MAR 30	0.595 ON SEP 02	1 120 000	1968
1969	705B AT 13:40 EST ON APR 08	637B ON APR 09	0.960 ON OCT 16	1 470 000	1969
1970	850 AT 13:30 EST ON APR 15	844 ON APR 15	0.742 ON JUL 10	1 280 000	1970
1971	1 020E AT 10:30 EST ON APR 20	1 010E ON APR 20	1.70 E ON OCT 03	1 460 000	1971
1972	946 AT 16:00 EST ON APR 18	920 ON APR 18	2.61 ON SEP 23	2 220 000	1972
1973	---	850B ON MAR 19	2.18 ON SEP 16	2 120 000	1973
1974	---	674B ON APR 06	1.17 ON AUG 18	1 820 000	1974
1975	864 AT 11:30 EST ON APR 20	844 ON APR 20	0.538 ON AUG 20	1 550 000	1975
1976	1 110 AT 00:01 EST ON MAR 31 *	1 050 ON MAR 31	2.41 ON AUG 29	1 800 000	1976
1977	804 AT 18:39 EST ON MAR 17	759 ON MAR 17	1.70 ON JUL 10	1 630 000	1977
1978	1 100 AT 15:10 EST ON APR 15	1 080 ON APR 15	0.898 ON AUG 18	1 670 000	1978
1979	827 AT 04:13 EST ON MAR 26	801 ON MAR 26	0.878 ON JUL 27	1 500 000	1979
1980	619 AT 12:00 EST ON MAR 24	588B ON MAR 24	0.392A ON AUG 28	1 180 000	1980
1981	---	729B ON FEB 23	3.60 ON JUL 18	1 870 000	1981
1982	960 AT 20:30 EST ON APR 02	875 ON APR 03	0.961 ON AUG 22	1 300 000	1982
1983	569 AT 10:30 EST ON MAR 20	495B ON MAR 20	0.739 ON SEP 12	1 620 000	1983
1984	717 AT 09:41 EST ON APR 07	703 ON APR 07	1.05 ON SEP 26	1 380 000	1984
1985	458 AT 16:35 EST ON MAR 15	452 ON MAR 15	0.509 ON AUG 12	1 080 000	1985
1986	---	425B ON MAR 20	4.12 ON JUL 25	1 500 000	1986
1987	---	794B ON MAR 28	1.27 ON AUG 28	1 260 000	1987
1988	---	351B ON MAR 27	0.812 ON AUG 13	1 010 000	1988
1989	---	669 ON MAR 30	1.16 ON AUG 30	1 060 000	1989
1990	504 AT 06:42 EST ON APR 05	492 ON APR 05	1.37 ON SEP 07	1 770 000	1990
				1 330 000	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX)
B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

SOUTH OTTER CREEK NEAR PORT BURWELL - STATION NO. 02GC016

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1964	---	---	---	---	---	---	0.307	1.03	0.468	0.441	0.470	1.34	---	1964
1965	1.17	3.60	4.96	2.85	0.860	0.486	0.310	0.360	0.467	1.02	1.23	1.65	1.57	1965
1966	0.946	1.71	2.39	1.70	1.12	0.660	0.182	0.285	0.371	0.312	0.886	2.27	1.10	1966
1967	1.84	1.33	1.90	2.50	1.70	0.968	0.658	0.426	0.301	0.647	1.12	1.59	1.19	1967
1968	1.78	2.73	2.13	1.41	0.895	1.55	0.678	0.628	0.738	0.698	1.49	1.50	1.35	1968
1969	4.10	1.79	1.38	3.63	2.44	1.12	0.928	0.470	0.380	0.465	1.41	1.45	1.63	1969
1970	0.768	1.17	2.28	1.77	0.746	0.436	0.388	0.242	0.331	0.525	1.00	1.89	1.03	1970
1971	0.938	1.92	3.35	1.98	0.706	0.426	0.146	0.165	0.257	0.298	0.434	0.891	0.954	1971
1972	1.19	0.549	2.32	2.63	1.41	0.894	0.971	0.519	0.456	0.819	1.61	2.35	1.60	1972
1973	1.47	1.24	4.27	2.62	1.23	1.17	0.445	0.371	0.321	0.430	1.03	1.59	1.32	1973
1974	1.99	2.17	3.28	2.38	2.55	1.01	0.660	0.355	0.379	0.464	0.832	1.17	1.43	1974
1975	1.71	2.01	2.85	1.83	0.912	1.40	0.518	1.12	2.02	1.27	1.68	2.42	1.64	1975
1976	2.09	4.62	5.78	2.47	2.04	0.813	0.742	0.680	0.555	0.722	0.727	0.705	1.82	1976
1977	0.907	0.666	4.42	3.23	1.14	0.550	0.529	0.413	2.29	1.78	1.67	3.00	1.69	1977
1978	1.67	1.11	3.35	3.51	---	---	---	---	---	---	---	---	---	1978
MEAN	1.58	1.90	3.45	2.44	1.37	0.883	0.533	0.503	0.672	0.707	1.17	1.73	1.41	MEAN

LOCATION - LAT 42 39 12 N LONG 080 46 50 W DRAINAGE AREA, 109 km² REGULATED

SOUTH OTTER CREEK NEAR PORT BURWELL - STATION NO. 02GC016

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1964	---	---	---	---	1964
1965	37.1 AT 11:45 EST ON MAR 05 *	31.4 ON MAR 06 *	0.065 ON JUL 31	49 400	1965
1966	10.8 AT 10:30 EST ON DEC 08	10.1 ON DEC 09	0 ON JUL 21 *	34 700	1966
1967	7.87 AT 17:40 EST ON DEC 22	6.80 ON DEC 22	0.340 ON SEP 02	39 500	1967
1968	19.3 B AT 18:30 EST ON FEB 02	15.6 B ON FEB 02	0.280 ON JUL 23	42 600	1968
1969	28.0 B AT 02:30 EST ON JAN 31	20.0 B ON JAN 31	0.337 ON SEP 15	51 300	1969
1970	6.26 AT 10:30 EST ON APR 03	5.97 ON APR 03	0.142 ON AUG 06	32 400	1970
1971	---	9.91B ON FEB 28	0.022 ON AUG 04	30 100	1971
1972	---	17.0 B ON MAR 15	0.317 ON AUG 23	50 600	1972
1973	11.5 AT 14:55 EST ON MAR 15	10.5 ON MAR 15	0.170 ON JUL 23	41 600	1973
1974	11.8 AT 19:38 EST ON MAR 05	10.2 ON MAR 05	0.280E ON AUG 15	45 200	1974
1975	8.67 AT 06:40 EST ON FEB 25	8.10 ON FEB 25	0.198 ON AUG 02	51 700	1975
1976	29.4 AT 18:18 EST ON MAR 05	24.9 ON MAR 05	0.439E ON SEP 08	57 500	1976
1977	22.6 AT 00:52 EST ON APR 24	17.6 ON APR 24	0.170 ON JUL 29	53 200	1977
1978	---	---	---	---	1978
				44 600	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

SOUTH PARKHILL CREEK NEAR PARKHILL - STATION NO. 02FF004

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1955	---	---	1.01	0.238	---	---	---	---	---	---	---	---	---	1955
1956	---	---	1.54	0.443	---	---	---	---	---	---	---	---	---	1956
1957	---	---	0.506	0.537	---	---	---	---	---	---	---	---	---	1957
1958	---	---	0.532	0.127	---	---	---	---	---	---	---	---	---	1958
1959	---	---	2.33	0.696	---	---	---	---	---	---	---	---	---	1959
1960	---	---	---	0.914	---	---	---	---	---	---	---	---	---	1960
1961	---	---	0.382	---	---	---	---	---	---	---	---	---	---	1961
1962	---	---	---	0.131	---	---	---	---	---	---	---	---	---	1962
1964	---	---	---	0.217	---	---	---	---	---	---	---	---	---	1964
1965	---	---	---	0.799	---	---	---	---	---	0.228	0.463	1.08	---	1965
1966	0.160	0.555	0.925	0.520	0.128	0.311	0.002	0.029	0.009	0.016	0.642	0.963	0.353	1966
1967	0.414	0.180	1.25	0.680	0.142	0.454	0.058	0.013	0.019	0.633	0.963	0.903	0.478	1967
1968	0.455	0.737	1.02	0.256	0.114	0.489	0.013	0.004	0.034	0.125	0.595	0.331	0.346	1968
1969	0.877	0.254	0.721	0.712	0.517	0.049	0.001	0	0	0	0.258	0.339	0.312	1969
1970	0.311	0.516	1.81	0.888	0.249	0.022	0.233	0.024	0	0.008	0.164	0.697	0.411	1970
1971	0.192	1.99	1.23	0.333	0.037	0.008	0	0.135	0.009	0.021	0.104	1.08	0.419	1971
1972	0.447	0.058	1.43	1.10	0.175	0.030	0.018	0	0	0.170	0.729	1.38	0.463	1972
1973	0.974	0.199	1.94	0.233	0.227	0.063	0.005	0.003	0	0.002	0.537	0.541	0.398	1973
1974	1.03	0.590	1.18	0.622	0.901	0.013	0.003	0	0	0	0.062	0.154	0.380	1974
1975	0.779	0.829	1.46	1.30	0.134	0.345	0.003	0.061	0.060	0.017	0.060	0.382	0.449	1975
1976	0.228	2.77	1.59	0.597	0.476	0.036	0.382	0.026	0.090	0.206	0.398	0.096	0.566	1976
1977	0.053	0.420	2.61	0.364	0.043	0.053	0.011	0	0.137	0.154	0.427	1.74	0.504	1977
1978	0.078	0.033	2.22	1.50	0.251	0.017	0	0	0.002	0.013	0.022	0.139	0.359	1978
1979	0.377	0.055	1.71	1.78	0.194	0.032	0.054	0.011	0	0.010	0.463	0.851	0.463	1979
1980	0.160	0.088	2.32	0.851	0.180	0.168	0.092	0.010	0.014	0.478	0.043	0.446	0.407	1980
1981	0.062	3.42	0.369	0.515	0.237	0.264	0.055	0.028	0.875	1.65	0.652	0.706	0.716	1981
1982	1.13	0.102	5.62	0.679	0.285	0.186	0.012	0.047	0.039	0.437	1.86	2.89	1.12	1982
1983	0.362	1.15	0.448	0.771	1.00	0.267	0.039	0.071	0.036	0.018	0.492	1.61	0.518	1983
1984	0.036	3.60	1.87	0.474	0.313	0.951	0.120	0.014	0.843	0.038	1.43	1.75	0.939	1984
1985	0.941	5.76	7.10	1.18	0.058	0.053	0.015	0.221	0.883	0.649	2.07	0.708	1.61	1985
1986	1.76	0.429	2.86	0.727	0.316	0.890	0.021	0.047	4.20	1.83	0.227	1.37	1.24	1986
1987	0.360	0.141	1.60	0.948	0.033	0.013	0.021	0	0.012	0.330	1.31	2.49	0.609	1987
1988	0.117	0.662	1.35	0.255	0.058	0.004	0.019	0.009	0	1.06	1.58	0.582	0.475	1988
1989	0.463	0.139	0.686	0.459	0.087	0.072	0	0.006	0.143	0.112	0.942	0.074	0.265	1989
1990	1.32	1.14	0.914	0.472	0.344	0.054	0.104	0.209	0.607	1.28	0.794	0.996	0.685	1990
MEAN	0.523	1.03	1.69	0.656	0.260	0.194	0.051	0.039	0.324	0.365	0.665	0.935	0.579	MEAN

LOCATION - LAT 43 09 39 N DRAINAGE AREA, 41.4 km²
LONG 081 43 56 W NATURAL FLOW

SOUTH PARKHILL CREEK NEAR PARKHILL - STATION NO. 02FF004

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1955	---	---	---	---	1955
1956	---	---	---	---	1956
1957	---	---	---	---	1957
1958	---	---	---	---	1958
1959	---	---	---	---	1959
1960	---	---	---	---	1960
1961	---	---	---	---	1961
1962	---	---	---	---	1962
1964	---	---	---	---	1964
1965	---	---	---	---	1965
1966	24.5 AT 21:00 EST ON DEC 06	7.93 ON DEC 07	0 ON JUN 27 *	11 100	1966
1967	22.2 AT 02:00 EST ON APR 03	6.29 ON OCT 18	0 ON AUG 17	15 100	1967
1968	17.5B AT 22:45 EST ON FEB 01	8.83B ON FEB 02	0 ON JUL 14	10 900	1968
1969	14.7 AT 05:14 EST ON JAN 30	10.6 ON JAN 30	0 ON JUN 28	9 830	1969
1970	33.4 AT 14:30 EST ON APR 02	9.23 ON APR 02	0 ON JUN 08	13 000	1970
1971	---	8.92B ON FEB 27	0 ON MAY 20	13 200	1971
1972	23.3 AT 21:00 EST ON APR 16	14.8 ON DEC 31	0 ON MAY 28	14 600	1972
1973	18.0 AT 14:24 EST ON MAR 11	6.37 ON MAR 11	0 ON JUN 16	12 500	1973
1974	32.8 AT 01:22 EST ON MAR 05	11.0 ON MAR 05	0 ON JUN 11	12 000	1974
1975	35.4 AT 04:04 EST ON APR 19	12.1 ON APR 19	0 ON JUL 07	14 200	1975
1976	30.9 AT 04:57 EST ON MAR 03	16.3 ON MAR 03	0 ON AUG 30	17 900	1976
1977	22.4 AT 18:18 EST ON MAR 09	13.2 ON MAR 09	0 E ON JUN 19	15 900	1977
1978	---	15.6 B ON MAR 22	0 ON JUN 29	11 300	1978
1979	---	16.0 E ON APR 14	0 ON JUN 19	14 600	1979
1980	25.6 AT 19:02 EST ON MAR 17	17.3 ON MAR 17	0 ON AUG 28	12 900	1980
1981	25.2 AT 17:47 EST ON FEB 17	19.5 ON FEB 17	0.001 ON AUG 26	22 600	1981
1982	41.9 AT 02:04 EST ON MAR 31	22.5 B ON MAR 14	0 ON JUL 16	35 300	1982
1983	27.5 AT 17:37 EST ON DEC 12	16.4 ON DEC 12	0 ON JUL 13	16 300	1983
1984	53.5 AT 01:00 EST ON FEB 14	30.7 ON FEB 13	0 ON JUL 30	29 700	1984
1985	---	47.8 B ON FEB 24 *	0 ON JUL 18	50 700	1985
1986	63.5 AT 07:15 EST ON JUN 12 *	29.7 ON SEP 30	0 ON SEP 06	39 000	1986
1987	36.1 AT 22:04 EST ON NOV 25	16.3 ON NOV 26	0 ON JUN 19	19 200	1987
1988	24.5 AT 16:56 EST ON NOV 13	11.2 ON MAR 24	0 ON JUN 15	15 000	1988
1989	17.4 AT 22:51 EST ON NOV 15	8.67 ON NOV 16	0 ON JUL 04	8 350	1989
1990	29.0 AT 11:27 EST ON OCT 09	11.9 ON OCT 09	0.001 ON AUG 11	21 600	1990
				18 300	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

SOUTH RAISIN RIVER DIVERSION AT LONG SAULT - STATION NO. 02MC009

MONTHLY AND ANNUAL MEAN DISCHARGES FOR MAY TO OCT IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1972	---	---	---	---	---	0.026	0.022	0.023	0.025	---	---	---	---	1972
1973	---	---	---	---	---	---	0.119	0.596	0.117	0.026	---	---	---	1973
1974	---	---	---	---	---	0.021	0.022	0.435	---	---	---	---	---	1974
1975	---	---	---	---	---	0.157	0.500	0.459	0.377	---	---	---	---	1975
1976	---	---	---	---	---	---	0.532	0.492	---	---	---	---	---	1976
1977	---	---	---	---	---	---	---	0.363	0.182	---	---	---	---	1977
1978	---	---	---	---	---	0.022	0.021	0.025	0.021	---	---	---	---	1978
1979	---	---	---	---	0	0.080	0.369	0.402	0.161	0.012	---	---	0.171	1979
1980	---	---	---	---	---	---	---	0.262	0.071	---	---	---	---	1980
1981	---	---	---	---	---	---	0.290	0.378	0.045	---	---	---	---	1981
1982	---	---	---	---	---	---	0.291	0.240	0.005	---	---	---	---	1982
1983	---	---	---	---	---	---	0.257	0.255	---	---	---	---	---	1983
1984	---	---	---	---	---	0.002	0.334	0.325	0.036	---	---	---	---	1984
1985	---	---	---	---	---	0	0.249	0.347	---	---	---	---	---	1985
1986	---	---	---	---	---	0	0.002	0.001	---	---	---	---	---	1986
1987	---	---	---	---	---	---	0.228	---	---	---	---	---	---	1987
1988	---	---	---	---	---	---	0.121	0.082	---	---	---	---	---	1988
1990	---	---	---	---	---	---	---	---	---	---	---	---	---	1990
MEAN	---	---	---	---	0	0.039	0.224	0.293	0.104	0.019	---	---	0.171	MEAN

LOCATION - LAT 45 01 46 N
LONG 074 53 20 W REGULATED

SOUTH RAISIN RIVER DIVERSION AT LONG SAULT - STATION NO. 02MC009

EXTREMES OF DISCHARGE AND TOTAL DISCHARGE FOR MAY TO OCT FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1972	---	---	---	---	1972
1973	---	---	---	---	1973
1974	---	---	---	---	1974
1975	---	---	---	---	1975
1976	1.02 AT 18:30 EST ON SEP 01	0.609 ON JUL 03 *	---	---	1976
1977	1.03 AT 20:51 EST ON JUL 17	0.464 ON JUL 17	---	---	1977
1978	---	0.051 ON AUG 16	0.020 ON JUN 11	---	1978
1979	0.512 AT 06:37 EST ON AUG 01	0.487 ON JUL 28	0 E ON MAY 01 *	2 720	1979
1980	0.456 AT 15:05 EST ON JUL 15	0.420 ON JUL 11	---	---	1980
1981	0.616 AT 11:49 EST ON JUL 07	0.456 ON JUL 13	---	---	1981
1982	1.12 E AT 14:26 EST ON JUL 06 *	0.435 ON JUL 09	---	---	1982
1983	0.437 AT 14:59 EST ON JUL 08	0.402 ON JUL 09	---	---	1983
1984	0.669 AT 09:42 EST ON JUL 04	0.429 ON AUG 16	---	---	1984
1985	0.551 AT 09:00 EST ON AUG 02	0.442 ON AUG 28	---	---	1985
1986	---	---	---	---	1986
1987	0.381 AT 18:20 EST ON JUN 28	0.329 ON JUN 28	0.096 ON JUN 22	---	1987
1988	---	0.340 ON JUN 15	0.011 ON JUL 16	---	1988
1990	0.157 AT 17:52 EST ON JUL 18	---	---	---	1990
	E - ESTIMATED	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		2 720	MEAN

SOUTH RIVER ABOVE TRUISLER CHUTE - STATION NO. 02DD002

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1919	---	---	---	---	---	---	---	---	---	5.01	8.50	6.71	---	1919
1920	2.40	2.01	7.86	14.5	8.67	4.43	6.74	3.77	3.10	3.69	4.63	4.61	5.54	1920
1921	4.76	3.95	16.0	16.9	11.4	3.77	3.03	2.54	2.95	3.79	4.23	5.86	6.62	1921
1922	4.13	3.71	5.55	24.4	9.80	4.11	4.64	3.79	3.78	3.73	3.98	4.09	6.30	1922
1923	3.40	3.04	4.93	15.6	24.4	6.22	3.30	3.71	4.00	4.79	4.37	3.67	6.34	1923
1924	2.85	2.92	4.92	16.9	19.3	6.66	3.55	3.50	3.84	3.90	4.09	4.05	6.38	1924
1925	3.19	3.82	5.41	23.5	8.83	10.8	3.78	2.92	3.50	3.19	4.37	4.10	6.43	1925
1926	3.18	3.64	4.24	7.88	23.9	6.53	8.37	3.20	3.61	3.39	12.6	7.07	7.33	1926
1927	3.93	4.26	11.6	11.5	10.0	7.56	6.11	4.13	4.13	6.68	7.90	14.0	7.68	1927
1928	4.79	3.99	5.70	17.1	24.7	12.5	9.94	6.72	8.74	22.1	15.0	8.57	13.3	1928
1929	7.19	5.35	12.1	37.9	22.5	5.98	4.09	3.80	5.63	3.08	3.15	2.24	9.41	1929
1930	2.89	3.36	3.37	14.6	10.0	6.98	3.40	2.31	3.60	2.07	2.28	2.34	4.75	1930
1931	1.61	1.50	1.58	10.4	4.71	2.12	2.40	2.22	3.59	3.26	3.58	3.07	3.33	1931
1932	7.55	6.02	4.04	18.8	7.38	3.57	2.90	2.75	4.10	12.2	12.7	9.19	7.58	1932
1933	7.80	4.08	5.20	27.3	8.10	4.09	1.98	2.75	3.59	4.03	2.28	2.46	6.12	1933
1934	4.03	2.36	2.92	18.6	17.0	3.97	3.04	2.97	4.29	2.96	6.41	7.40	6.34	1934
1935	3.20	3.07	6.89	15.0	7.84	7.68	6.92	3.04	3.61	3.13	3.90	3.35	5.63	1935
1936	3.92	4.29	6.10	11.4	17.3	4.16	3.17	4.10	5.10	4.08	5.53	7.06	6.21	1936
1937	13.4	7.00	4.64	20.0	12.6	4.14	3.44	3.84	5.19	3.86	5.24	3.63	7.25	1937
1938	4.84	4.94	13.4	24.9	8.18	4.81	3.87	3.49	3.23	5.84	5.17	3.10	6.96	1938
1939	4.16	3.80	4.31	16.1	17.1	3.91	2.89	4.32	2.92	3.20	3.49	2.22	5.71	1939
1940	2.21	1.92	2.59	8.53	12.8	6.85	3.54	4.03	4.07	4.22	7.37	5.45	5.30	1940
1941	4.66	3.77	3.80	22.3	5.87	3.60	2.94	2.17	2.22	3.79	10.1	5.97	5.91	1941
1942	4.66	5.01	8.08	26.5	13.7	5.83	2.74	3.38	4.22	3.02	5.15	5.15	7.27	1942
1943	3.61	2.95	5.80	16.8	24.1	9.45	6.01	4.36	7.50	3.03	4.19	3.20	7.60	1943
1944	2.73	2.52	3.46	12.6	10.6	2.89	2.64	2.15	3.03	4.01	3.73	3.04	4.45	1944
1945	2.62	2.22	13.8	10.5	9.27	7.98	2.62	2.59	2.87	5.02	5.79	2.97	5.67	1945
1946	7.60	4.61	17.5	9.03	6.50	3.69	1.98	2.03	2.36	2.27	2.82	4.39	5.41	1946
1947	3.54	3.62	4.03	27.0	23.1	13.0	5.38	4.31	7.58	4.33	6.04	4.14	8.83	1947
1948	4.61	4.79	9.95	24.2	10.4	4.81	2.26	2.46	3.68	4.77	8.00	5.04	6.89	1948
1949	6.60	6.44	11.3	24.7	8.65	5.11	3.15	3.61	3.45	2.87	3.37	4.78	6.98	1949
1950	9.31	5.43	8.60	13.1	7.60	4.71	3.00	5.39	3.46	2.36	5.43	4.08	6.04	1950
1951	4.27	7.43	8.63	35.4	11.1	3.95	4.34	6.11	4.26	8.46	9.98	7.21	9.23	1951
1952	6.88	4.09	---	---	---	---	---	---	---	---	---	---	---	1952
MEAN	4.74	3.95	7.06	19.2	13.0	5.75	4.01	3.51	4.04	4.64	5.84	4.98	6.70	MEAN

LOCATION - LAT 45 57 48 N DRAINAGE AREA, 420 km²
LONG 079 24 21 W REGULATED

SOUTH RIVER ABOVE TRUISLER CHUTE - STATION NO. 02DD002

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1919	---	---	---	---	1919
1920	---	21.8 ON MAR 29	1.87B ON MAR 05	175 000	1920
1921	---	33.1 ON MAR 21	2.10 ON SEP 03	209 000	1921
1922	---	42.5 ON APR 11	2.01 ON AUG 05	199 000	1922
1923	---	51.0 ON APR 29	1.22RB ON FEB 06 *	200 000	1923
1924	---	40.2 ON MAY 21	2.29 ON AUG 24	202 000	1924
1925	---	27.5 ON APR 16	1.93 ON JUL 28	203 000	1925
1926	---	36.0 ON MAY 07	2.75B ON JAN 02	231 000	1926
1927	---	34.8 ON DEC 13 *	2.89 ON AUG 15	242 000	1927
1928	---	68.0 ON APR 06 *	3.74 ON AUG 27	421 000	1928
1929	---	62.3 ON APR 11	1.93RB ON DEC 26	297 000	1929
1930	---	25.9 ON APR 19	1.36 ON AUG 03	150 000	1930
1931	---	18.3 ON APR 17	1.33 ON AUG 03	105 000	1931
1932	---	27.5 ON APR 12	1.70 ON JUN 18	240 000	1932
1933	---	45.3 ON APR 16	1.67 ON JUL 28	193 000	1933
1934	---	39.4 ON MAY 03	1.76RB ON FEB 24	200 000	1934
1935	---	19.7 ON APR 15	2.15 ON OCT 19	178 000	1935
1936	---	32.3 ON DEC 31	2.76 ON JUL 05	196 000	1936
1937	---	37.7 ON APR 06	2.35 ON JUN 14	228 000	1937
1938	---	45.9 ON APR 01	2.04 ON NOV 30	210 000	1938
1939	---	44.7 ON APR 29	2.04 ON NOV 25	180 000	1939
1940	---	21.0 ON MAY 28	1.70RB ON JAN 29	168 000	1940
1941	---	39.1 ON APR 21	1.95 ON AUG 12	186 000	1941
1942	---	36.5 ON APR 21	2.15 ON JUL 12	229 000	1942
1943	---	43.6 ON APR 29	2.44 ON OCT 12	240 000	1943
1944	---	30.3 ON APR 25	1.81 ON AUG 27	141 000	1944
1945	---	28.6 ON MAR 23	2.06B ON FEB 22	179 000	1945
1946	---	30.0 ON MAR 21	1.84 ON JUL 15	171 000	1946
1947	---	46.2 ON APR 15	2.63RB ON JAN 12	279 000	1947
1948	---	40.8 ON APR 11	1.56 ON AUG 07	218 000	1948
1949	---	29.7 ON APR 08	2.24B ON DEC 05	220 000	1949
1950	---	30.9 ON MAR 28	1.67 ON OCT 06	190 000	1950
1951	---	52.7 ON APR 15	2.29 ON AUG 01	291 000	1951
1952	---	---	---	---	1952
				212 000	MEAN

B - ICE CONDITIONS
* - EXTREME RECORDED FOR THE PERIOD OF RECORD
R - REVISED SINCE JAN 01 1989

SOUTH RIVER AT SOUTH RIVER - STATION NO. 02DD009

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1956	---	---	---	7.85	10.0	3.88	2.87	3.14	4.66	3.51	5.64	3.44	---	1956
1957	4.59	3.59	4.60	9.71	3.52	4.56	10.7	1.90	5.41	6.40	10.5	10.0	6.30	1957
1958	5.73	4.43	4.31	7.24	2.81	4.58	3.70	2.28	4.05	3.78	3.08	4.18	4.66	1958
1959	2.75	2.94	3.40	14.7	7.04	3.19	2.25	3.99	3.50	6.53	11.1	6.10	5.61	1959
1960	4.90	4.88	5.02	20.1	11.2	3.38	4.37	2.69	1.93	3.68	3.69	2.72	5.71	1960
1961	3.11	3.11	4.18	8.79	5.13	2.99	3.83	2.49	2.38	2.27	2.85	3.61	3.73	1961
1962	3.63	3.64	4.10	10.3	6.02	2.39	1.89	1.92	1.98	1.97	2.69	1.64	3.29	1962
1963	1.88	4.05	2.64	9.58	6.76	3.80	1.98	2.28	2.57	2.57	4.89	3.43	3.36	1963
1964	2.23	3.64	3.61	7.73	4.39	2.16	1.92	1.89	1.66	1.80	1.98	2.50	2.93	1964
1965	3.01	3.93	3.09	7.90	14.8	2.50	2.01	2.45	3.54	6.57	7.15	6.58	5.31	1965
1966	6.62	6.74	6.53	10.4	6.28	4.75	1.87	1.61	1.36	1.70	4.44	10.7	5.19	1966
1967	5.11	6.39	4.75	15.7	4.89	4.79	2.55	2.32	2.57	5.55	11.1	5.77	5.85	1967
1968	4.91	4.26	3.75	12.6	3.97	3.40	2.90	2.68	2.51	1.93	2.12	3.97	4.91	1968
1969	3.70	3.91	3.63	12.0	14.3	5.00	3.71	3.41	6.66	5.94	10.7	8.36	6.67	1969
1970	4.62	4.15	3.38	10.2	9.97	5.38	8.18	3.56	3.90	5.01	4.87	5.27	5.71	1970
1971	4.10	3.64	5.61	16.0	10.5	7.37	3.66	4.93	4.17	3.79	2.30	4.53	4.69	1971
1972	4.05	4.87	4.47	10.6	21.0	7.49	6.01	3.78	4.96	3.49	7.88	5.57	7.33	1972
1973	7.00	6.41	12.6	14.7	7.46	7.95	6.82	3.32	4.69	4.84	3.79	5.60	6.76	1973
1974	5.04	7.68	6.34	18.1	13.0	4.71	---	---	2.88	3.99	7.05	4.51	---	1974
1975	5.78	5.48	4.93	9.07	11.3	2.73	2.25	1.76	2.96	4.33	4.47	9.48	5.38	1975
1976	4.03	3.18	10.8	16.7	9.05	4.06	4.09	1.99	2.98	1.85	2.24	3.07	5.52	1976
1977	3.62	3.59	7.20	14.6	3.87	1.63	1.70	2.07	---	---	6.86	6.37	---	1977
1978	3.43	3.37	3.23	7.35	11.3	3.50	1.28	1.88	2.14	5.39	4.24	4.51	4.32	1978
1979	4.50	4.36	8.60	15.8	8.46	3.67	1.96	1.91	2.18	5.20	7.90	7.21	5.98	1979
1980	6.43	3.71	4.13	17.5	5.03	7.78	5.61	5.72	6.27	8.54	7.86	5.19	6.97	1980
1981	3.08	6.80	7.88	14.2	8.34	5.99	3.94	4.59	10.2	11.6	5.00	4.89	7.23	1981
1982	4.13	4.29	4.40	15.0	5.89	6.63	1.85	1.02	2.89	4.34	7.78	11.3	5.43	1982
1983	7.68	4.12	4.88	17.49	14.3	5.03	2.55	1.94	2.12	2.39	6.71	5.74	5.44	1983
1984	3.25	7.18	5.95	14.5	8.26	7.88	5.26	2.14	2.43	3.30	7.98	6.19	6.17	1984
1985	6.93	5.48	5.29	20.4	7.46	2.60	4.40	3.80	3.01	4.00	5.86	4.95	6.16	1985
1986	4.40	3.77	6.06	16.6	6.69	5.63	2.41	2.11	1.56	3.13	2.40	3.01	4.77	1986
1987	3.75	2.78	4.36	8.68	2.43	2.51	1.81	1.40	1.58	2.40	3.77	2.40	3.46	1987
1988	4.15	5.36	4.26	16.7	6.25	1.85	1.86	1.76	4.62	4.46	3.77	4.20	4.60	1988
1989	4.03	3.11	4.91	11.5	9.80	6.54	2.47	2.52	1.30	1.58	4.07	3.84	4.64	1989
1990	3.70	3.68	10.8	11.9	9.83	3.54	1.86	1.41	2.86	7.90	8.72	9.52	6.33	1990
MEAN	4.40	4.50	5.49	12.7	8.32	4.21	3.50	2.63	3.12	4.28	5.69	5.45	5.34	MEAN

LOCATION - LAT 45 50 54 N LONG 079 22 46 W DRAINAGE AREA, 316 km² REGULATED

SOUTH RIVER AT SOUTH RIVER - STATION NO. 02DD009

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1956	---	17.7 ON MAY 17	---	---	1956
1957	---	30.2 ON JUL 02	1.76 ON AUG 25	199 000	1957
1958	---	29.1 ON JUL 12	1.90 ON AUG 10	147 000	1958
1959	---	27.3 ON APR 21	1.87 ON JUN 26	177 000	1959
1960	---	35.4 ON APR 19	1.67 ON SEP 24	180 000	1960
1961	---	16.7 ON APR 18	1.81 ON APR 04	118 000	1961
1962	---	20.1 ON APR 25	1.15 ON SEP 25	104 000	1962
1963	---	22.6 ON APR 04	0.467 ON NOV 16	106 000	1963
1964	---	21.7 ON APR 16	0.983 ON OCT 02	92 800	1964
1965	---	24.2 ON MAY 05	1.54 ON AUG 07	167 000	1965
1966	---	21.6 ON APR 24	0.269 ON SEP 26	164 000	1966
1967	---	24.0 ON NOV 05	0.606 ON AUG 29	184 000	1967
1968	---	24.2 ON APR 06	1.40 ON DEC 22	136 000	1968
1969	---	23.0 ON APR 18	2.24 ON JUL 28	210 000	1969
1970	---	24.9 ON JUL 23	2.46 ON MAR 27	180 000	1970
1971	---	26.7 ON APR 24	0.784 ON SEP 18	148 000	1971
1972	59.2 AT 06:21 EST ON MAY 06 *	55.8 ON MAY 06 *	4.39 ON APR 12	232 000	1972
1973	42.6 AT 16:57 EST ON APR 04	25.4 ON APR 04	2.43 ON OCT 12	213 000	1973
1974	32.3 AT 07:10 EST ON APR 18	32.3 ON APR 18	---	---	1974
1975	28.1 AT 06:33 EST ON MAY 03	27.9 ON MAY 02	0.051 ON APR 10 *	170 000	1975
1976	31.4 AT 00:04 EST ON APR 05	35.4 ON APR 02	0.920 ON APR 22	174 000	1976
1977	21.9 AT 21:06 EST ON APR 03	21.8 ON APR 03	---	---	1977
1978	23.9 AT 06:30 EST ON APR 30	23.6 ON APR 30	0.099E ON JUL 24	136 000	1978
1979	27.6 AT 20:23 EST ON APR 28	27.5 ON APR 28	0.551 ON JUL 11	189 000	1979
1980	39.8 AT 14:13 EST ON APR 11	39.3 ON APR 11	2.21 ON MAR 16	220 000	1980
1981	30.4 AT 04:34 EST ON APR 06	29.8 ON APR 06	0.563 ON APR 25	228 000	1981
1982	35.2 AT 21:20 EST ON APR 19	33.6 ON APR 19	0.409 ON MAY 21	171 000	1982
1983	29.7 AT 18:56 EST ON MAY 10	28.7 ON MAY 10	0.618 ON SEP 29	172 000	1983
1984	22.5 AT 01:56 EST ON APR 19	22.3 ON APR 19	1.27 ON AUG 08	195 000	1984
1985	57.5 AT 20:17 EST ON APR 24	55.7 ON APR 24	1.27 ON JUN 14	194 000	1985
1986	41.8 AT 18:47 EST ON APR 02	41.1 ON APR 02	0.84 ON SEP 03	150 000	1986
1987	42.5 AT 06:31 EST ON MAR 31	42.3 ON MAR 31	0.838 ON SEP 19	109 000	1987
1988	36.8 AT 19:13 EST ON APR 07	36.3 ON APR 07	0.921 ON JUN 11	177 000	1988
1989	21.6 AT 23:59 EST ON APR 01	21.0 ON APR 01	0.806 ON JUL 18	146 000	1989
1990	29.5 AT 06:46 EST ON APR 27	28.7 ON APR 26	0.837 ON JUL 11	200 000	1990
				168 000	MEAN

E - ESTIMATED

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

SOUTH RIVER NEAR NIPISSING - STATION NO. 02DD005

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1937	20.2	14.0	8.41	39.5	19.3	6.96	5.23	5.18	5.67	5.91	11.0	6.18	12.2	1937
1938	6.70	7.93	30.3	40.9	14.1	5.87	5.94	5.85	6.48	5.76	5.22	3.97	11.6	1938
1939	6.90	5.43	6.55	36.3	22.6	6.99	3.76	5.58	3.47	5.85	6.71	3.50	9.46	1939
1940	3.77	3.40	3.32	19.0	21.6	11.4	5.34	5.98	8.56	7.23	14.2	8.06	9.31	1940
1941	7.41	6.24	6.82	43.3	8.45	4.87	3.71	2.91	3.10	6.38	16.3	9.41	9.06	1941
1942	7.42	6.23	14.4	46.6	18.8	8.11	4.14	3.69	4.19	4.71	6.99	5.39	11.0	1942
1943	4.31	4.63	8.10	37.7	13.0	15.1	6.71	5.68	9.69	4.56	9.55	5.15	11.8	1943
1944	4.27	4.67	5.39	25.1	14.5	3.90	3.82	3.13	3.52	6.27	5.45	4.49	7.03	1944
1945	4.14	4.17	20.1	16.6	15.4	10.5	3.16	3.14	3.69	8.81	9.75	4.88	9.40	1945
1946	10.8	6.96	34.3	13.2	11.3	5.17	2.64	2.40	2.95	3.17	3.82	7.05	8.69	1946
1947	5.65	6.25	7.48	54.7	32.8	18.8	6.31	4.67	12.5	6.27	9.24	6.58	14.2	1947
1948	6.50	5.57	21.9	38.9	20.8	5.17	4.45	3.72	3.75	6.58	13.2	7.59	11.5	1948
1949	10.7	8.90	20.0	42.0	13.0	8.18	4.05	4.31	3.95	3.69	4.34	8.18	10.9	1949
1950	14.9	8.33	15.0	23.3	13.1	7.97	3.90	6.32	5.28	3.77	11.6	8.28	10.1	1950
1951	6.98	9.29	16.4	67.0	14.5	5.88	6.35	6.75	4.81	15.7	16.7	11.5	15.1	1951
1952	9.16	7.97	7.98	40.8	13.0	6.11	4.03	5.80	7.16	4.58	8.66	9.37	10.3	1952
1953	8.47	10.2	28.4	17.8	12.0	6.39	3.56	2.75	3.32	5.34	4.06	9.23	9.30	1953
1954	8.08	9.94	15.5	36.3	15.5	24.5	5.94	4.43	8.23	22.2	15.5	9.57	14.6	1954
1955	8.15	8.09	10.2	32.2	7.96	5.17	2.40	2.53	2.39	7.71	12.2	6.43	8.75	1955
1956	5.11	4.12	6.48	24.8	21.1	8.20	5.23	5.49	10.5	7.77	12.5	8.31	9.97	1956
1957	8.38	8.59	11.2	23.6	9.72	13.3	23.4	1.37	12.1	15.9	23.1	22.3	14.4	1957
1958	10.4	7.62	9.09	19.5	7.39	7.12	20.0	4.28	5.94	9.14	7.85	6.54	9.58	1958
1959	5.13	5.83	7.61	39.4	13.7	9.32	5.26	6.51	7.85	11.7	23.1	11.4	12.2	1959
1960	8.30	10.1	8.81	52.0	24.2	7.07	8.47	4.09	3.79	6.64	9.62	6.78	12.4	1960
1961	6.23	5.65	8.70	24.8	12.0	6.72	7.97	4.75	7.37	6.40	7.06	9.52	8.93	1961
1962	7.05	7.42	9.30	28.2	15.0	4.13	2.87	1.77	3.35	4.34	4.21	3.38	7.55	1962
1963	4.42	4.46	8.77	27.3	15.0	6.98	3.63	4.08	3.74	3.20	5.34	4.26	7.59	1963
1964	4.47	6.31	10.7	19.2	9.67	3.55	2.48	2.61	3.41	3.79	4.53	5.81	6.36	1964
1965	5.50	7.61	6.89	25.5	29.2	4.05	3.06	7.29	7.90	12.3	14.9	15.5	11.7	1965
1966	14.1	11.7	16.1	26.3	12.6	10.3	4.22	4.78	5.25	3.92	11.4	20.3	11.1	1966
1967	8.93	9.73	7.16	43.5	10.4	8.30	6.55	3.68	5.24	12.7	24.3	12.5	12.9	1967
1968	8.31	11.0	11.2	32.5	9.72	6.74	4.23	3.68	4.40	3.45	4.18	6.32	8.76	1968
1969	6.53	6.97	7.48	34.4	34.0	10.6	6.82	5.97	8.74	11.3	21.6	9.77	13.7	1969
1970	9.35	8.27	8.07	35.8	21.5	13.0	21.7	6.72	11.1	12.4	11.6	11.5	14.3	1970
1971	13.5	25.0	27.8	46.8	20.2	6.99	3.48	5.08	6.82	6.80	10.7	13.1	15.4	1971
1972	6.27	10.5	9.61	37.5	41.6	14.7	11.4	12.4	9.40	12.1	15.4	9.76	15.9	1972
1973	11.6	8.27	30.2	35.3	20.1	25.9	13.0	9.66	6.70	9.13	11.5	14.1	16.3	1973
1974	10.7	13.3	15.0	47.9	44.8	13.0	9.80	4.56	8.25	10.4	18.1	10.0	17.1	1974
1975	10.6	9.34	7.71	30.6	24.1	8.64	4.24	3.32	6.44	8.84	10.4	19.9	12.0	1975
1976	7.17	9.06	35.7	39.8	21.3	8.15	8.94	4.13	6.69	4.59	6.05	6.55	13.2	1976
1977	5.23	5.50	21.0	33.2	7.15	4.06	3.78	4.83	8.82	14.8	14.7	14.2	11.4	1977
1978	7.35	5.62	4.83	27.1	22.7	6.83	3.19	3.97	5.56	12.6	9.40	9.47	9.90	1978
1979	8.60	6.91	25.7	44.3	18.5	8.52	4.52	6.30	4.92	11.9	18.3	14.6	14.4	1979
1980	14.0	7.83	12.7	48.2	12.8	16.4	10.4	11.0	13.4	22.3	17.5	11.7	16.5	1980
1981	9.34	24.4	35.3	38.9	21.4	15.7	7.82	6.75	21.6	24.1	11.3	11.3	17.9	1981
1982	8.84	9.00	12.1	42.3	13.5	6.72	3.98	3.96	7.16	11.7	16.9	24.3	13.9	1982
1983	14.4	6.30	20.1	20.1	34.8	11.2	3.41	3.60	6.83	7.42	18.3	12.0	13.3	1983
1984	9.18	21.4	14.5	41.4	19.6	---	---	---	---	---	---	---	---	1984
MEAN	8.41	8.66	14.2	34.7	18.5	9.21	6.33	4.90	6.66	8.86	11.6	9.95	11.8	MEAN

LOCATION - LAT 46 05 49 N DRAINAGE AREA, 787 km²
LONG 079 28 45 W REGULATED

SOUTH RIVER NEAR NIPISSING - STATION NO. 02DD005

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1937	---	101 ON APR 06	2.18 ON SEP 04	386 000	1937
1938	---	108 ON APR 01	1.05 ON DEC 11	365 000	1938
1939	---	86.1 ON APR 27	1.16 ON DEC 24	298 000	1939
1940	---	39.6 ON NOV 12	0.878 ON JUL 14	294 000	1940
1941	---	129 ON APR 21	2.10 ON AUG 03	311 000	1941
1942	---	92.0 ON APR 06	2.66 ON OCT 26	348 000	1942
1943	---	105 ON APR 26	2.69 ON JAN 10	371 000	1943
1944	---	64.3 ON APR 26	1.56 ON SEP 03	222 000	1944
1945	---	78.2 ON MAR 19	2.10 ON JUL 01	296 000	1945
1946	---	53.8 ON MAR 22	0.906 ON AUG 04	274 000	1946
1947	---	139 ON APR 12 *	1.87 ON SEP 01	449 000	1947
1948	---	84.7 ON APR 09	1.27 ON AUG 15	364 000	1948
1949	---	63.1 ON MAR 28	1.10 ON JUL 17	344 000	1949
1950	---	77.0 ON MAR 29	0.991 ON OCT 08	320 000	1950
1951	---	104 ON APR 14	0.963 ON JUL 29	477 000	1951
1952	---	66.5 ON APR 19	1.02 ON JUL 27	327 000	1952
1953	---	71.6 ON MAR 24	0.821 ON SEP 20	293 000	1953
1954	---	74.5 ON OCT 16	1.16 ON AUG 08	461 000	1954
1955	---	50.7 ON APR 07	0.821 ON AUG 14	276 000	1955
1956	---	45.3 ON APR 17	1.08 ON AUG 12	315 000	1956
1957	---	139 ON JUN 30	0.680 ON AUG 18	455 000	1957
1958	---	57.5 ON JUL 11	0.991 ON AUG 17	302 000	1958
1959	---	78.4 ON APR 19	0.708 ON JUL 04	385 000	1959
1960	---	100 ON APR 18	0.566 ON JUN 13	393 000	1960
1961	62.0 AT 10:00 EST ON APR 17	53.8 ON APR 17	0.736 ON AUG 13	282 000	1961
1962	68.0 AT 12:00 EST ON APR 23	53.8 ON APR 24	0.524 ON DEC 17	238 000	1962
1963	87.8 AT 11:00 EST ON APR 03	83.0 ON APR 03	0.554 ON AUG 03	239 000	1963
1964	63.1 AT 04:00 EST ON APR 15	60.3 ON APR 15	0.555 ON JUN 10	201 000	1964
1965	56.4 AT 19:00 EST ON MAY 01	56.1 ON MAY 01	1.43 ON AUG 02	368 000	1965
1966	---	64.6 ON APR 22	1.34 ON SEP 09	351 000	1966
1967	68.8 AT 02:30 EST ON APR 02	64.8 ON APR 02	1.28 ON AUG 28	407 000	1967
1968	81.6 AT 03:00 EST ON APR 01	78.4 ON APR 01	2.11 ON JUL 17	277 000	1968
1969	75.3 AT 20:00 EST ON MAY 10	73.6 ON MAY 10	2.04 ON JUL 25	431 000	1969
1970	114 AT 05:30 EST ON JUL 22	102 ON JUL 22	3.43 E ON AUG 01	450 000	1970
1971	91.2 AT 09:15 EST ON APR 20	88.3 ON APR 20	0.580 ON JUL 12	486 000	1971
1972	94.9 AT 01:35 EST ON MAY 04	94.0 ON MAY 03	1.60 ON JUN 01	502 000	1972
1973	149 AT 01:50 EST ON JUN 28 *	125 ON JUN 28	2.80 ON SEP 10	515 000	1973
1974	123 AT 16:47 EST ON MAY 06	112 ON APR 15	0.595E ON AUG 15	540 000	1974
1975	88.1 AT 11:11 EST ON APR 24	76.7 ON APR 25	0.767 ON AUG 13	379 000	1975
1976	114 AT 16:28 EST ON APR 01	109 ON APR 01	0.847 ON JUL 31	417 000	1976
1977	66.8 AT 14:12 EST ON APR 03	63.7 ON APR 04	0.990 ON AUG 06	361 000	1977
1978	70.8 AT 22:23 EST ON APR 29	67.1 ON APR 29	0.646 ON AUG 22	312 000	1978
1979	87.3 AT 04:13 EST ON APR 28	80.4 ON APR 28	0.686 ON JUL 22	455 000	1979
1980	142 AT 12:15 EST ON APR 10	136 A ON APR 10	1.78 ON JUL 16	521 000	1980
1981	84.1 AT 23:02 EST ON APR 05	80.1 ON APR 05	4.18 ON JUL 17	566 000	1981
1982	137 AT 14:42 EST ON APR 18	121 ON APR 18	0.841 ON AUG 19	437 000	1982
1983	111 AT 03:18 EST ON MAY 08	102 ON MAY 08	0.520E ON AUG 29 *	418 000	1983
1984	72.3 AT 14:14 EST ON APR 06	66.3 ON APR 18	---	---	1984
				372 000	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX) E - ESTIMATED * - EXTREME RECORDED FOR THE PERIOD OF RECORD

SOUTH RIVER NEAR POMASSAN - STATION NO. 02DD001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1914	---	---	---	42.5	22.3	6.35	3.62	3.61	4.78	4.46	7.80	5.92	---	1914
1915	3.69	4.07	4.80	29.0	11.0	7.70	4.81	7.24	4.52	9.68	8.29	6.97	8.47	1915
1916	10.8	9.48	11.7	61.8	27.8	12.3	4.56	2.52	6.49	14.3	16.0	25.1	16.9	1916
1917	5.65	3.44	9.36	45.4	26.6	16.1	25.0	8.95	3.96	11.1	10.4	5.95	14.3	1917
1918	3.66	3.91	3.44	33.6	19.7	8.58	4.20	2.85	4.83	14.7	15.7	12.6	11.1	1918
1919	7.48	4.76	10.5	31.3	25.1	10.5	2.31	3.61	3.51	9.92	18.3	15.4	12.6	1919
1920	4.34	3.54	24.4	28.6	13.1	5.59	8.60	5.09	4.24	5.75	8.24	7.58	9.94	1920
1921	6.17	4.91	40.2	42.9	16.3	5.14	4.02	3.58	3.87	6.67	10.5	11.1	11.6	1921
1922	5.51	4.78	16.8	63.5	15.0	5.96	6.26	4.55	5.09	5.71	9.52	9.38	12.1	1922
1923	4.01	2.16	3.89	42.1	30.8	11.6	4.52	3.52	3.56	5.71	9.23	7.04	11.7	1923
1924	3.83	3.59	8.84	35.2	27.5	8.86	5.32	5.09	5.03	5.63	7.84	5.39	10.2	1924
1925	3.78	6.21	12.2	42.0	15.9	15.3	5.56	3.91	4.77	5.17	10.4	6.69	11.0	1925
1926	4.02	3.78	3.93	22.3	42.3	10.1	12.6	4.24	4.80	5.23	22.9	9.10	12.1	1926
1927	4.98	5.80	21.1	19.3	17.7	11.5	10.5	5.86	5.88	12.4	17.1	17.8	12.5	1927
1928	7.50	6.98	11.8	77.5	37.9	17.7	14.4	9.55	15.4	38.7	24.2	16.5	22.1	1928
1929	8.79	5.90	25.4	65.8	34.4	9.90	6.35	5.70	5.95	5.34	5.17	4.91	15.3	1929
1930	6.65	8.53	7.24	25.7	17.7	15.3	6.79	5.08	5.96	4.83	5.13	4.91	9.46	1930
1931	5.73	5.70	3.47	32.2	10.1	4.36	3.88	3.82	4.32	4.48	7.72	6.03	6.57	1931
1932	14.5	10.7	8.45	56.4	11.6	5.93	6.00	4.20	7.18	23.2	21.5	17.6	13.9	1932
1933	12.1	9.95	9.52	53.9	32.4	6.36	3.93	3.97	4.34	5.46	5.06	4.53	10.6	1933
1934	4.62	4.25	5.52	40.7	25.0	5.67	4.49	3.73	5.44	4.70	12.2	9.17	10.4	1934
1935	4.98	4.28	14.2	27.5	12.3	13.0	9.95	4.02	4.16	5.52	8.31	5.90	9.51	1935
1936	4.62	4.57	14.1	25.5	25.9	6.58	4.02	4.40	4.54	9.13	10.3	13.1	10.6	1936
MEAN	6.15	5.11	12.9	39.2	22.1	9.58	7.06	4.85	5.42	9.47	11.6	9.77	12.0	MEAN

LOCATION - LAT 46 05 40 N, LONG 079 23 45 W DRAINAGE AREA, 761 km^2, REGULATED DATA CONTRIBUTED BY - ONTARIO HYDRO

SOUTH RIVER NEAR POMEROY - STATION NO. 02DD001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1914	---	112 ON APR 20	---	---	1914
1915	---	71.1 ON APR 11	1.64 ON SEP 14	267 000	1915
1916	---	121 ON APR 02	2.01 ON AUG 30	534 000	1916
1917	---	96.0 ON APR 22	2.10B ON FEB 13	452 000	1917
1918	---	77.6R ON APR 02	1.73 ON AUG 26	349 000	1918
1919	---	57.5R ON NOV 30	1.93 ON JUL 20	397 000	1919
1920	---	86.1R ON MAR 26	3.17 ON AUG 13	314 000	1920
1921	---	139 ON MAR 21	2.58 ON AUG 05	366 000	1921
1922	---	134 ON APR 12	3.65 ON JUL 30	383 000	1922
1923	---	129 ON APR 24	1.53RB ON FEB 05	369 000	1923
1924	---	79.0 ON APR 07	1.64B ON DEC 25	322 000	1924
1925	---	83.8 ON APR 04	1.78 ON JUL 20	346 000	1925
1926	---	114 ON MAY 03	2.95B ON MAR 07	383 000	1926
1927	---	59.5RB ON MAR 18	3.48 ON AUG 15	395 000	1927
1928	---	171 ON APR 08 *	4.81RB ON MAR 09	732 000	1928
1929	---	112 RB ON APR 08	3.62RB ON DEC 29	483 000	1929
1930	---	61.4 ON APR 14	1.87 ON JUL 13	298 000	1930
1931	---	47.0 ON APR 15	1.53 ON MAY 29	207 000	1931
1932	---	89.1 ON OCT 11	1.39 ON AUG 04	440 000	1932
1933	---	93.4 ON APR 13	2.69 ON JUL 20	332 000	1933
1934	---	83.3 ON APR 20	1.19 ON JUN 27 *	329 000	1934
1935	---	37.4 ON APR 12	2.63 ON AUG 22	300 000	1935
1936	---	82.7B ON DEC 28	2.55 ON SEP 20	334 000	1936
	B - ICE CONDITIONS	* - EXTREME RECORDED FOR THE PERIOD OF RECORD R - REVISED SINCE JAN 01 1989		379 000	MEAN

SOUTH SAUGEEN RIVER NEAR HANOVER - STATION NO. 02FC012

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1972	5.70	4.33	5.62	43.5	6.92	4.29	2.26	1.41	1.22	3.28	5.12	7.95	7.59	1972
1973	15.2	6.86	32.1	12.2	9.50	5.84	2.90	1.35	1.00	1.55	2.45	5.53	8.27	1973
1974	6.99	7.26	26.1	26.2	20.0	3.89	1.78	1.50	1.38	1.96	6.12	3.69	9.25	1974
1975	8.43	6.75	17.6	42.9	8.12	2.93	1.53	2.01	3.71	2.42	3.26	11.0	9.20	1975
1976	4.10	10.8	52.0	16.9	9.66	2.62	6.61	1.60	3.59	6.07	9.58	4.41	10.7	1976
1977	2.65	2.89	42.9	16.8	2.44	1.34	2.15	11.1	14.1	18.7	15.1	10.6	11.8	1977
1978	4.64	3.13	7.85	40.6	10.5	3.93	1.24	1.69	5.43	5.62	5.69	5.30	7.94	1978
1979	4.96	2.56	37.6	34.7	9.68	2.38	1.44	1.68	1.51	5.12	13.3	17.6	11.1	1979
1980	5.76	2.69	21.0	24.8	4.08	2.52	6.55	2.42	3.59	8.18	6.71	10.5	8.26	1980
1981	4.34	20.3	11.1	9.56	6.60	2.88	1.19	1.35	3.90	11.2	9.46	6.42	7.88	1981
1982	3.54	1.83	14.2	50.4	3.66	0.47	1.67	1.52	2.00	2.23	16.3	25.3	10.9	1982
1983	7.11	8.34	14.8	14.3	13.7	3.64	1.41	1.39	2.74	5.67	8.57	6.45	7.34	1983
1984	3.43	32.0	17.3	16.3	4.49	4.05	1.91	0.786	1.88	1.72	9.32	17.4	9.11	1984
1985	6.98	16.1	36.1	45.1	5.92	3.04	1.23	1.30	3.58	5.13	17.9	7.26	12.4	1985
1986	6.30	4.25	26.0	15.2	8.74	4.65	2.93	4.31	36.5	24.1	6.87	7.29	13.1	1986
1987	5.35	3.86	25.8	16.5	5.23	1.98	1.83	1.44	0.981	3.18	7.93	14.1	7.05	1987
1988	6.51	12.1	19.7	14.5	4.76	1.27	0.754	0.965	0.944	3.57	12.3	6.16	6.90	1988
1989	6.62	4.71	23.7	16.0	6.19	3.97	0.946	0.933	1.34	2.38	11.7	4.54	6.92	1989
1990	11.7	11.4	30.3	10.5	7.10	2.86	1.53	1.14	1.19	11.9	21.3	17.4	10.7	1990
MEAN	6.33	8.96	24.8	24.7	7.59	3.52	2.16	2.11	4.87	6.45	10.1	9.94	9.29	MEAN

LOCATION - LAT 44 05 55 N DRAINAGE AREA, 635 km^2
LONG 080 59 09 W REGULATED

SOUTH SAUGEEN RIVER NEAR HANOVER - STATION NO. 02FC012

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1972	213 AT 07:56 EST ON APR 19	185 ON APR 19	0.657 ON SEP 24	240 000	1972
1973	105 AT 06:24 EST ON MAR 13	90.9 ON MAR 13	0.535 ON SEP 16	261 000	1973
1974	---	132 E ON MAR 07	1.00 ON AUG 24	292 000	1974
1975	251 AT 23:48 EST ON APR 19 *	224 ON APR 20 *	0.855 ON AUG 23	290 000	1975
1976	211 AT 17:30 EST ON MAR 21	171 ON MAR 21	0.892 ON AUG 31	336 000	1976
1977	251 AT 04:08 EST ON MAR 14	216 ON MAR 14	0.646 ON JUN 15	372 000	1977
1978	136 AT 09:15 EST ON APR 12	127 ON APR 12	0.892 ON SEP 09	250 000	1978
1979	218 AT 03:55 EST ON APR 15	189 ON APR 15	0.728 ON SEP 29	350 000	1979
1980	136 AT 18:55 EST ON MAR 21	89.0 ON MAR 22	0.937 ON AUG 24	261 000	1980
1981	134 AT 06:25 EST ON FEB 24	116 ON FEB 24	0.592 ON JUL 25	249 000	1981
1982	152 AT 06:02 EST ON APR 01	140 ON APR 01	0.900E ON AUG 18	344 000	1982
1983	39.9 AT 19:17 EST ON MAR 07	39.4 ON MAR 08	0.758 ON JUL 29	231 000	1983
1984	146 AT 11:32 EST ON DEC 30	135 ON DEC 30	0.578 ON AUG 22	208 000	1984
1985	178 AT 02:05 EST ON MAR 30	152 ON MAR 30	0.662 ON AUG 14	390 000	1985
1986	170 AT 11:13 EST ON SEP 12	153 ON SEP 12	0.995 ON JUL 09	414 000	1986
1987	94.9 AT 08:17 EST ON MAR 28	89.3 ON MAR 28	0.748 ON AUG 26	222 000	1987
1988	111 AT 07:33 EST ON MAR 27	98.5 ON MAR 27	0.501 ON JUL 10	218 000	1988
1989	---	168 B ON MAR 29	0.519 ON JUL 31	218 000	1989
1990	215 AT 17:02 EST ON MAR 13	175 B ON MAR 13	0.415 ON AUG 26 *	338 000	1990
	B - ICE CONDITIONS E - ESTIMATED	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		293 000	MEAN

SPANISH RIVER AT ESPANOLA - STATION NO. 02CB001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1915	---	---	---	---	---	180	89.1	61.0	68.8	187	136	172	---	1915
1916	109	72.6	88.3	562	431	250	132	79.4	70.7	86.6	---	---	---	1916
1947	---	---	---	---	---	443	121	77.3	78.1	76.0	72.1	71.8	---	1947
1948	72.7	72.6	95.4	272	199	79.0	72.5	69.6	53.9	38.2	46.5	80.5	96.2	1948
1949	73.1	83.6	97.2	272	202	133	107	87.3	80.0	67.6	54.0	48.6	109	1949
1950	68.5	86.9	99.7	232	384	131	83.7	81.4	77.5	70.7	66.7	67.5	121	1950
1951	71.0	74.9	90.4	581	233	121	109	89.3	84.9	158	282	204	174	1951
1952	124	105	98.5	337	267	121	83.3	96.8	86.4	82.5	84.4	114	133	1952
1953	92.2	110	226	408	304	136	104	84.0	78.5	66.8	46.0	56.5	143	1953
1954	70.3	89.8	139	324	328	233	123	78.5	77.8	272	177	132	171	1954
1955	108	102	109	301	131	88.4	56.0	53.3	41.5	49.1	80.7	73.2	99.0	1955
1956	82.2	81.7	60.8	193	229	146	119	80.2	86.1	91.8	96.4	88.8	110	1956
1957	76.2	76.7	114	267	214	146	277	76.3	58.7	58.2	138	123	136	1957
1958	91.8	74.9	92.0	147	103	72.9	89.9	61.5	54.0	45.6	85.7	62.5	81.7	1958
1959	58.2	60.8	85.4	268	268	87.6	75.7	65.5	69.5	108	146	103	118	1959
1960	74.9	73.5	87.7	444	747	176	164	89.5	71.9	70.1	114	89.4	184	1960
1961	67.5	65.0	62.9	132	185	135	141	92.9	129	93.7	125	117	112	1961
1962	79.9	85.9	119	236	367	113	69.8	59.8	67	52.8	52.6	47.5	112	1962
1963	48.6	44.4	53.9	274	132	82.2	61.0	51.5	45.9	39.3	32.9	55.5	80.1	1963
1964	45.1	48.5	53.1	231	234	82.1	60.4	44.0	62.3	87.3	71.7	80.9	91.7	1964
1965	75.9	114	123	277	332	92.5	61.7	90.8	139	178	198	162	154	1965
1966	131	126	168	332	226	185	64.7	55.6	52.5	131	206	280	163	1966
1967	132	114	146	476	492	184	112	87.7	66.1	74.8	155	106	179	1967
1968	88.6	77.1	99.2	314	165	113	88.8	88.6	155	130	93.1	107	126	1968
1969	108	105	100	356	227	162	151	73.4	48.5	101	218	114	147	1969
1970	78.1	83.0	87.2	198	273	463	162	88.9	95.5	161	149	142	165	1970
1971	82.4	83.9	151	396	357	168	66.1	65.7	63.7	61.8	55.9	122	139	1971
1972	78.5	72.7	90.9	266	324	110	75.3	101	159	118	134	98.5	153	1972
1973	98.9	83.8	193	278	349	160	109	112	79.1	73.4	86.2	94.1	143	1973
1974	73.1	83.5	96.9	270	275	157	81.0	72.7	57.5	50.3	130	86.8	119	1974
1975	92.3	97.8	102	247	328	170	84.8	60.4	34.8	---	---	---	---	1975
1976	---	---	101	446	356	103	59.0	29.4	27.2	39.0	44.4	42.8	---	1976
1977	65.0	65.0	135	383	133	35.9	34.8	45.6	69.4	160	197	150	121	1977
1978	109	103	99.1	169	340	85.8	45.3	44.6	101	211	123	113	129	1978
1979	100	97.9	139	515	589	160	141	81.6	66.2	103	214	204	201	1979
1980	123	94.7	73.0	312	279	90.9	70.2	43.7	50.1	94.7	86.2	76.2	116	1980
1981	70.1	89.5	110	425	124	96.5	92.1	49.8	55.1	76.2	86.7	87.8	113	1981
1982	77.5	81.0	82.1	244	227	57.6	43.0	26.0	74.4	184	192	205	125	1982
1983	145	106	113	253	337	385	56.4	44.5	44.2	105	99.1	115	150	1983
1984	81.5	89.6	90.9	241	126	122	148	87.2	111	102	208	185	132	1984
1985	117	103	94.1	407	387	96.3	66.3	77.6	55.2	55.0	116	102	140	1985
1986	83.7	69.4	79.9	293	156	85.6	60.6	124	95.1	135	126	97.3	117	1986
1987	83.8	79.1	75.3	142	70.9	60.5	31.3	26.2	20.1	25.7	40.5	73.3	60.5	1987
1988	58.2	65.1	67.7	509	294	106	37.5	53.3	64.4	129	325	202	159	1988
1989	133	109	84.6	252	245	245	89.8	47.6	52.4	41.4	70.1	58.0	117	1989
1990	64.9	61.1	132	164	318	152	169	57.7	42.6	74.0	152	168	130	1990
MEAN	87.1	84.7	105	310	284	148	94.4	69.9	72.1	98.5	123	113	131	MEAN

LOCATION - LAT 46 16 05 N DRAINAGE AREA, 11 400 km²
LONG 081 46 20 W REGULATED

REMARKS - EXTREME HIGH WATER SPILLED FROM ONAPING LAKE INTO UPPER SPANISH RIVER.

SPANISH RIVER AT ESPANOLA - STATION NO. 02CE001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1915	---	---	---	---	1915
1916	---	725 ON APR 27	---	---	1916
1947	---	---	---	---	1947
1948	---	385 ON APR 11	26.5 ON NOV 07	3 040 000	1948
1949	---	340 ON APR 25	15.9 ON DEC 25	3 430 000	1949
1950	---	572 ON MAY 08	10.3 ON SEP 04	3 820 000	1950
1951	---	1 050 ON APR 16	15.1 ON SEP 03	5 510 000	1951
1952	---	711 ON APR 23	40.5 ON JUL 01	4 210 000	1952
1953	---	479 ON APR 03	5.64 ON NOV 01	4 500 000	1953
1954	---	643 ON OCT 19	35.7 ON SEP 06	5 380 000	1954
1955	---	473 ON APR 16	3.20 ON SEP 05 *	3 120 000	1955
1956	---	360 ON MAY 19	22.3 ON SEP 03	3 480 000	1956
1957	---	688 ON JUL 02	7.96 ON SEP 02	4 280 000	1957
1958	---	170 ON APR 21	8.58 ON SEP 01	2 580 000	1958
1959	---	527 ON APR 19	20.6 ON SEP 07	3 730 000	1959
1960	---	1 290 ON MAY 13	38.5 ON FEB 07	5 820 000	1960
1961	---	261 ON JUN 27	29.2 ON FEB 12	3 550 000	1961
1962	---	697 ON MAY 05	12.2 ON DEC 30	5 530 000	1962
1963	---	348 ON APR 07	5.86 ON SEP 02	2 530 000	1963
1964	---	481 ON MAY 02	6.48 ON SEP 07	2 900 000	1964
1965	---	580 ON MAY 05	13.4 ON AUG 08	4 840 000	1965
1966	---	716 ON APR 24	23.6 ON SEP 05	5 150 000	1966
1967	---	991 ON MAY 04	17.4 ON SEP 04	5 640 000	1967
1968	---	388 ON APR 18	54.4 ON AUG 12	4 000 000	1968
1969	---	583 ON APR 18	18.6 ON SEP 01	4 630 000	1969
1970	---	1 040 ON JUN 04	23.1 ON SEP 07	5 210 000	1970
1971	---	671 ON APR 23	28.6 ON NOV 04	1 400 000	1971
1972	---	991 ON MAY 06	50.4 ON AUG 13	4 830 000	1972
1973	---	484 ON MAY 11	53.0 ON OCT 01	4 520 000	1973
1974	---	510 ON APR 24	29.7 ON SEP 02	3 770 000	1974
1975	---	668 ON APR 29	---	---	1975
1976	---	748 ON APR 22	3.43 ON SEP 06	---	1976
1977	---	541 ON APR 23	12.4 ON JUL 01	3 820 000	1977
1978	---	592 ON MAY 15	24.4 ON JUL 23	4 060 000	1978
1979	---	1 110 ON APR 28	30.8 ON OCT 08	6 350 000	1979
1980	---	430 ON APR 11	22.9 ON AUG 31	3 670 000	1980
1981	---	730 ON APR 07	25.0 ON SEP 07	5 570 000	1981
1982	---	500 ON MAY 03	5.66 ON AUG 02	3 930 000	1982
1983	---	879 ON JUN 01	30.9 ON SEP 05	4 740 000	1983
1984	---	379 ON APR 23	44.8 ON FEB 05	4 190 000	1984
1985	---	1 310 ON APR 27 *	31.3 ON SEP 29	4 410 000	1985
1986	---	341 ON APR 24	29.7 ON JUL 14	3 690 000	1986
1987	---	203 ON APR 05	14.5 ON SEP 05	1 910 000	1987
1988	---	877 ON APR 10	22.6 ON JUL 27	5 020 000	1988
1989	---	401 ON JUN 21	23.9 ON OCT 15	3 680 000	1989
1990	---	561 ON MAY 20	24.0 ON SEP 23	4 100 000	1990
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		4 140 000	MEAN

SPANISH RIVER AT HIGH FALLS - STATION NO. 02CE004

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1920	---	---	---	---	---	---	---	---	---	33.7	22.7	23.7	---	1920
1921	32.4	26.4	26.3	113	80.9	45.2	37.7	45.6	42.5	53.1	58.5	93.5	54.5	1921
1922	45.4	34.2	80.8	250	287	90.9	57.3	55.2	48.8	42.0	47.1	50.1	96.4	1922
1923	54.4	54.5	54.5	51.0	168	79.1	61.9	53.7	47.5	53.5	50.5	36.2	63.9	1923
1924	41.1	45.9	47.1	45.3	62.5	61.9	42.5	43.5	41.9	43.1	35.2	40.3	45.8	1924
1925	40.8	40.6	45.4	42.5	42.4	52.8	49.0	49.0	47.9	52.2	47.0	46.3	46.4	1925
1926	44.0	53.8	53.3	38.7	38.0	96.5	64.2	52.2	50.1	52.2	64.7	64.8	53.7	1926
1927	48.1	79.4	111	146	169	92.8	52.0	47.5	46.9	45.1	47.1	48.9	77.8	1927
1928	50.2	79.8	74.0	145	431	137	104	56.3	120	304	224	104	153	1928
1929	107	80.3	61.9	185	204	129	94.2	54.4	39.7	53.8	56.0	40.3	92.1	1929
1930	52.9	84.6	75.8	102	115	266	235	56.4	47.7	43.8	43.0	43.1	97.0	1930
1931	40.2	44.7	46.4	59.0	113	59.4	40.4	43.2	41.8	35.5	83.7	68.3	56.3	1931
1932	73.9	58.5	59.5	164	126	36.2	29.1	23.8	21.5	27.3	113	69.0	66.7	1932
1933	78.5	63.4	38.5	216	173	85.4	35.0	56.5	38.5	30.1	29.2	34.8	72.9	1933
1934	37.2	36.7	40.5	89.6	169	41.3	40.0	40.0	40.0	45.7	88.1	73.4	62.0	1934
1935	48.2	50.0	59.9	74.8	91.3	55.3	49.8	50.9	52.8	52.4	51.4	40.4	56.5	1935
1936	43.7	41.5	56.0	69.9	202	59.3	53.6	51.5	47.3	43.5	51.9	49.8	64.4	1936
1937	51.5	42.4	66.6	102	114	59.4	42.2	51.1	53.3	54.4	70.3	68.5	65.8	1937
1938	69.9	75.1	102	324	242	85.7	51.0	53.8	50.2	49.9	34.8	43.3	101	1938
1939	49.8	46.6	66.9	91.0	151	117	66.5	53.0	53.5	55.4	58.0	48.8	71.6	1939
1940	45.1	41.9	42.1	55.7	50.6	95.7	59.9	50.4	49.9	44.9	48.0	51.1	52.9	1940
1941	61.4	69.4	73.9	132	115	56.5	44.9	47.7	52.6	67.0	168	129	84.6	1941
1942	78.6	74.2	89.0	201	107	77.9	57.9	52.6	49.8	47.2	48.9	50.6	77.7	1942
1943	58.0	49.8	58.5	111	119	182	79.1	61.7	132	58.9	55.4	54.2	85.0	1943
1944	57.5	66.0	60.1	76.2	121	67.1	54.0	51.1	50.9	50.2	44.3	50.0	63.1	1944
1945	52.7	48.2	64.1	130	129	151	54.7	52.5	50.2	52.1	89.1	60.2	77.7	1945
1946	64.4	65.5	121	89.6	106	95.0	58.5	43.9	51.6	48.7	57.4	66.2	71.6	1946
1947	67.4	66.8	64.5	90.6	225	280	87.0	61.9	56.7	54.1	52.0	54.6	96.5	1947
1948	58.8	59.1	66.4	105	112	52.6	60.2	55.5	45.0	33.6	24.8	40.9	59.5	1948
1949	45.9	55.1	58.2	111	110	79.4	59.0	63.7	58.0	55.7	41.9	33.7	64.2	1949
1950	44.6	53.5	59.3	76.8	202	85.3	65.4	60.6	63.5	62.2	53.2	45.3	72.8	1950
1951	52.2	59.6	56.2	267	135	92.2	74.2	65.6	67.1	74.2	175	144	105	1951
1952	85.7	77.1	72.8	150	154	79.9	62.8	76.2	68.6	65.5	61.3	67.1	85.7	1952
1953	64.0	73.6	104	193	200	101	75.1	60.5	63.2	55.2	39.6	37.2	89.5	1953
1954	54.9	69.9	74.4	148	162	153	75.2	61.6	60.8	131	107	87.5	98.8	1954
1955	79.4	83.2	81.9	135	81.4	63.8	44.4	44.1	32.9	29.6	32.4	43.8	62.4	1955
1956	47.8	49.9	43.5	77.6	126	89.5	88.6	61.6	64.3	52.9	55.2	49.6	67.3	1956
1957	52.5	56.9	72.6	146	109	112	140	57.0	45.3	44.4	51.9	59.5	79.0	1957
1958	52.6	53.3	65.9	70.5	54.0	65.8	60.4	47.4	45.8	31.9	43.9	32.8	51.0	1958
1959	39.0	43.8	62.0	113	132	55.1	55.0	50.1	50.6	56.4	61.5	53.9	64.4	1959
1960	48.0	53.3	66.5	203	425	119	92.6	61.2	53.0	52.5	66.8	53.2	108	1960
1961	49.1	48.4	41.8	62.7	111	86.2	75.6	55.1	84.0	56.4	72.6	67.2	67.6	1961
1962	50.7	52.3	78.1	120	220	84.7	53.0	49.1	50.8	42.5	39.1	33.0	73.5	1962
1963	39.7	38.1	34.5	126	80.3	56.4	45.1	38.8	35.4	45.4	41.9	38.5	57.5	1963
1964	33.0	35.4	34.2	117	139	56.6	46.5	35.5	47.1	48.2	46.4	46.4	57.1	1964
1965	49.5	81.3	86.3	126	210	58.0	44.2	56.7	84.9	95.1	123	88.1	91.9	1965
1966	75.5	86.1	105	196	144	148	36.6	45.1	41.0	91.4	125	156	104	1966
1967	85.2	84.7	114	253	319	125	81.2	60.1	93.5	52.0	75.7	54.5	113	1967
1968	60.5	56.6	63.8	194	115	77.7	52.4	62.6	106	74.1	57.1	59.5	81.5	1968
1969	71.2	70.1	62.4	206	145	121	112	43.3	38.4	75.8	111	67.1	93.5	1969
1970	52.7	60.4	66.1	97.8	171	300	105	60.3	67.3	101	86.3	82.8	104	1970
1971	49.8	60.4	112	222	235	109	48.0	51.3	52.6	45.4	71.0	62.7	90.0	1971
1972	47.7	52.1	71.3	136	309	71.5	51.9	73.4	112	74.1	78.7	69.0	95.7	1972
1973	69.5	58.8	96.5	158	234	114	73.0	66.4	54.8	50.7	52.3	53.6	90.4	1973
1974	47.6	82.6	71.9	129	172	86.7	56.5	56.8	45.4	27.0	59.5	53.0	72.3	1974
1975	62.9	76.2	77.5	126	198	136	62.6	48.5	30.3	26.6	41.1	52.6	78.2	1975
1976	68.4	67.8	77.2	218	257	68.4	45.7	23.3	18.5	25.1	30.5	30.1	79.4	1976
1977	56.3	57.4	80.2	218	84.6	24.5	26.0	37.2	40.1	94.9	139	104	80.8	1977
1978	83.6	89.5	87.4	82.4	223	36.3	32.5	33.3	73.7	144	96.5	91.1	91.3	1978
1979	80.7	81.6	90.8	314	364	124	106	52.4	44.3	78.0	161	151	137	1979
1980	90.3	82.1	60.3	156	179	59.8	55.2	30.6	37.1	56.6	56.5	55.8	76.5	1980
1981	57.9	69.1	68.4	215	75.5	72.5	39.5	39.4	38.1	50.3	61.8	68.7	73.4	1981
1982	64.5	71.9	68.3	121	138	33.4	59.3	21.1	63.9	146	157	148	88.5	1982
1983	114	104	67.8	132	238	284	42.0	40.1	38.0	70.4	74.7	79.9	107	1983
1984	66.1	64.8	61.6	143	85.9	61.2	105	62.0	75.7	76.8	149	134	90.4	1984
1985	100	98.8	64.4	221	234	71.9	36.1	51.9	45.3	42.1	75.6	64.9	92.0	1985
1986	80.0	58.0	60.4	148	100	57.1	47.7	93.5	78.9	108	102	74.1	82.3	1986
1987	67.0	68.1	48.9	61.6	36.2	30.6	19.4	22.3	16.2	19.3	27.7	45.4	38.4	1987
1988	43.4	52.0	51.4	280	190	64.8	25.7	38.9	53.3	86.2	---	147	---	1988
1989	97.7	95.3	---	99.3	165	172	63.4	37.1	46.1	35.2	56.0	44.7	---	1989
1990	55.7	47.2	73.2	99.7	192	103	129	50.3	39.1	61.1	101	105	88.3	1990
MEAN	60.1	62.8	68.2	141	162	95.3	63.2	51.0	53.8	61.1	71.1	65.9	79.5	MEAN

LOCATION - LAT 46 22 50 N DRAINAGE AREA, 6 800 km²
LONG 081 34 07 W REGULATED

REMARKS - EXCLUDES OWAPING LAKE BASIN, BUT EXTREME HIGH WATER SPILLED FROM LAKE INTO SPANISH RIVER.

SPANISH RIVER AT HIGH FALLS - STATION NO. 02CE004

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1920	---	---	---	---	1920
1921	---	205 ON APR 24	23.6 ON JAN 16	1 720 000	1921
1922	---	493 ON APR 20	25.1 ON DEC 25	3 040 000	1922
1923	---	354 ON MAY 07	22.1 ON DEC 30	2 020 000	1923
1924	---	118 ON MAY 17	25.1 ON AUG 03	1 450 000	1924
1925	---	82.1 ON JUN 13	26.3 ON MAY 10	1 460 000	1925
1926	---	121 ON NOV 27	25.5 ON SEP 10	1 690 000	1926
1927	---	258 ON APR 24	28.9 ON SEP 04	2 450 000	1927
1928	---	657 ON MAY 08	36.2 ON AUG 19	4 840 000	1928
1929	---	297 ON MAY 03	27.5 ON SEP 01	2 900 000	1929
1930	---	674 ON JUN 28	34.8 ON DEC 26	3 060 000	1930
1931	---	210 ON NOV 26	19.1 ON DEC 13	1 780 000	1931
1932	---	248 ON APR 26	11.5 ON JUN 25	2 110 000	1932
1933	---	416 ON APR 21	17.6 ON OCT 29	2 300 000	1933
1934	---	379 ON MAY 06	22.9 ON FEB 18	1 950 000	1934
1935	---	137 ON MAY 02	23.2 ON DEC 25	1 780 000	1935
1936	---	439 ON MAY 04	27.6 ON SEP 07	2 040 000	1936
1937	---	258 ON APR 30	31.7 ON JUL 11	2 080 000	1937
1938	---	510 ON APR 02	25.9 ON NOV 13	3 180 000	1938
1939	---	266 ON MAY 02	28.9 ON DEC 25	2 260 000	1939
1940	---	236 ON JUN 10	22.9 ON MAY 19	1 670 000	1940
1941	---	283 ON APR 22	33.1 ON JUL 06	2 670 000	1941
1942	---	297 ON APR 18	32.3 ON OCT 31	2 450 000	1942
1943	---	326 ON JUN 16	32.8 ON FEB 07	2 680 000	1943
1944	---	235 ON MAY 05	39.9 ON NOV 03	1 990 000	1944
1945	---	371 ON MAY 30	31.1 ON MAR 11	2 450 000	1945
1946	---	183 ON MAR 21	31.1 ON AUG 18	2 260 000	1946
1947	---	428 ON JUN 18	45.0 ON NOV 16	3 050 000	1947
1948	---	208 ON APR 23	10.9 ON DEC 19	1 880 000	1948
1949	---	207 ON APR 24	10.3 ON DEC 25	2 030 000	1949
1950	---	331 ON MAY 08	12.5 ON DEC 24	2 300 000	1950
1951	---	603 ON APR 14	23.4 ON SEP 02	3 310 000	1951
1952	---	425 ON APR 22	34.0 ON JUL 01	2 710 000	1952
1953	---	253 ON MAY 07	0.142 ON NOV 01	2 820 000	1953
1954	---	334 ON OCT 18	21.7 ON JAN 01	3 120 000	1954
1955	---	231 ON APR 16	3.96 ON OCT 30	1 970 000	1955
1956	---	219 ON MAY 17	15.1 ON OCT 28	2 130 000	1956
1957	---	436 ON JUN 30	18.3 ON OCT 27	2 490 000	1957
1958	---	66.3 ON APR 18	18.7 ON JAN 19	1 610 000	1958
1959	---	224 ON MAY 01	14.2 ON SEP 27	2 030 000	1959
1960	---	827 ON MAY 12	22.1 ON JAN 24	3 420 000	1960
1961	---	203 ON SEP 17	8.50 ON MAR 31	2 130 000	1961
1962	---	470 ON MAY 05	9.49 ON DEC 25	2 320 000	1962
1963	---	205 ON APR 20	3.40 ON SEP 01	1 620 000	1963
1964	---	314 ON MAY 01	8.21 ON AUG 02	1 810 000	1964
1965	---	382 ON MAY 05	11.5 ON AUG 22	2 900 000	1965
1966	---	484 ON APR 22	0 ON JUL 25 *	3 280 000	1966
1967	---	752 ON MAY 03	19.1 ON SEP 10	3 570 000	1967
1968	---	276 ON APR 17	22.9 ON JUL 21	2 580 000	1968
1969	---	343 ON APR 18	26.5 ON AUG 30	2 950 000	1969
1970	---	875 ON JUN 02 *	23.4 ON SEP 06	3 290 000	1970
1971	---	151 ON APR 24	17.6 ON NOV 11	2 840 000	1971
1972	---	606 ON MAY 05	30.0 ON AUG 20	3 030 000	1972
1973	---	314 ON MAY 10	32.6 ON SEP 30	3 850 000	1973
1974	---	331 ON MAY 01	17.4 ON OCT 12	2 280 000	1974
1975	---	379 ON MAY 04	13.3 ON OCT 05	2 470 000	1975
1976	---	476 ON APR 21	11.0 ON SEP 06	2 520 000	1976
1977	---	411 ON APR 22	13.3 ON JUL 10	2 550 000	1977
1978	---	462 ON MAY 15	13.5 ON JUL 23	2 880 000	1978
1979	---	811 ON APR 28	16.7 ON OCT 07	4 330 000	1979
1980	---	267 ON MAY 13	15.9 ON AUG 10	2 420 000	1980
1981	---	390 ON APR 06	19.0 ON SEP 27	2 310 000	1981
1982	---	327 ON MAY 02	11.9 ON AUG 02	2 790 000	1982
1983	---	622 ON JUN 01	24.0 ON JUL 27	3 370 000	1983
1984	---	261 ON APR 23	28.6 ON JUN 10	2 860 000	1984
1985	---	792 ON APR 26	13.0 ON SEP 29	2 900 000	1985
1986	---	222 ON APR 23	16.5 ON JUL 19	4 600 000	1986
1987	---	95.4 ON FEB 19	6.17 ON SEP 07	1 210 000	1987
1988	---	491 ON APR 09	14.9 ON JUL 26	---	1988
1989	---	276 ON JUN 18	19.3 ON DEC 17	---	1989
1990	---	384 ON MAY 20	15.8 ON SEP 23	2 780 000	1990
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		2 510 000	MEAN

SPANISH RIVER AT WEBSWOOD - STATION NO. 02CE003

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1916	---	---	---	---	---	---	---	---	---	86.6	150	173	---	1916
1917	99.1	49.0	59.7	274	326	496	228	120	82.3	67.9	61.8	59.1	161	1917
1918	53.2	55.3	71.1	249	---	135	125	84.0	69.4	117	247	200	---	1918
1919	86.2	66.4	129	---	475	216	72.6	70.2	76.9	140	238	175	---	1919
1920	87.1	83.7	207	467	336	130	113	69.0	63.0	---	---	---	---	1920
MEAN	81.4	63.6	117	330	379	245	135	85.8	72.9	103	174	152	161	MEAN

LOCATION - LAT 46 15 50 N
LONG 081 52 25 W
REGULATED

DATA CONTRIBUTED BY - ONTARIO HYDRO

SPANISH RIVER AT WEBBWOOD - STATION NO. 02CE003

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1916	---	---	---	---	1916
1917	---	668 ON JUN 05	8.33 ON FEB 19 *	5 060 000	1917
1918	---	---	44.7 ON JAN 27	---	1918
1919	---	---	47.0 ON JAN 19	---	1919
1920	---	716 ON APR 05 *	---	---	1920
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		5 060 000	MEAN

SPEED RIVER ABOVE GUELPH - STATION NO. 02GA020

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1953	---	---	---	---	---	---	---	---	---	0.666	0.701	0.778	---	1953
1954	0.798	4.51	7.78	9.04	1.59	0.935	0.125	0.219	0.376	6.02	1.96	1.62	2.90	1954
1955	2.71	1.08	7.70	7.25	1.76	0.465	0.102	0.130	0.231	1.23	3.50	1.85	2.34	1955
1956	1.16	0.795	3.80	12.1	7.87	1.65	2.18	5.47	2.73	1.32	1.69	2.87	3.64	1956
1957	2.60	3.07	4.79	6.20	2.83	2.29	1.09	0.233	0.923	0.976	2.67	4.40	2.67	1957
1958	1.37	0.772	3.77	3.63	0.667	0.345	0.385	0.173	0.719	0.427	1.34	0.989	1.22	1958
1959	1.07	1.14	4.47	13.5	2.80	0.514	0.408	0.502	0.397	1.31	2.53	2.20	2.56	1959
1960	1.98	2.17	1.03	16.5	8.68	2.55	0.943	0.514	0.185	0.329	1.05	0.391	3.01	1960
1961	0.300	3.63	3.57	4.06	2.90	2.19	0.637	0.676	0.642	---	---	---	---	1961
MEAN	1.50	2.15	4.61	9.04	3.64	1.37	0.734	0.990	0.775	1.53	1.93	1.89	2.62	MEAN

LOCATION - LAT 43 33 32 N
LONG 080 16 00 W
DRAINAGE AREA, 269 km^2
REGULATED

SPEED RIVER ABOVE GUELPH - STATION NO. 02GA020

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1953	---	---	---	---	1953
1954	---	73.9 ON OCT 16	0.057 ON JUL 15 *	91 400	1954
1955	---	38.2 ON MAR 11	0.057 ON JUL 22	73 700	1955
1956	---	83.0 ON AUG 30 *	0.311 ON AUG 02	115 000	1956
1957	---	24.1 ON APR 06	0.113 ON AUG 03	84 100	1957
1958	---	10.1 ON APR 07	0.085 ON AUG 11	38 400	1958
1959	---	34.8 ON APR 05	0.142 ON JUL 20	80 700	1959
1960	---	57.8 ON APR 04	0.122 ON AUG 29	95 200	1960
1961	---	27.8B ON FEB 24	---	---	1961
	B - ICE CONDITIONS	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		82 600	MEAN

SPEED RIVER AT GUELPH - STATION NO. 02GA011

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1913	---	---	---	---	---	---	---	0.408	0.426	0.718	---	---	---	1913
MEAN	---	---	---	---	---	---	---	0.408	0.426	0.718	---	---	---	MEAN

LOCATION - LAT 43 32 00 N
LONG 080 14 00 W
DRAINAGE AREA, 500 km^2
REGULATED
DATA CONTRIBUTED BY - ONTARIO HYDRO

SPEED RIVER AT GUELPH - STATION NO. 02GA011

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1913	---	---	---	---	1913
				---	MEAN

SPEED RIVER AT HESPELER - STATION NO. 02GA008

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1913	---	---	---	---	---	---	---	---	---	---	5.13	3.40	---	1913
1914	4.09	5.75	12.7	10.4	4.69	2.91	1.56	1.78	2.34	1.34	2.24	2.19	4.32	1914
1915	1.68	3.60	8.59	9.01	3.43	2.95	3.87	11.3	12.9	6.40	5.73	4.36	6.16	1915
1916	14.4	9.72	12.4	26.6	12.2	14.9	3.42	2.73	2.53	2.66	2.99	2.80	8.91	1916
1917	2.85	2.78	10.9	15.7	7.90	7.30	11.3	3.32	3.23	4.00	3.40	1.77	7.06	1917
1918	1.66	9.52	20.6	11.3	3.67	2.71	2.49	2.40	4.07	3.19	3.87	7.76	6.76	1918
1919	4.63	3.20	23.3	11.9	14.4	3.09	2.33	2.69	2.73	3.07	3.73	2.91	6.53	1919
1920	1.93	1.80	18.9	11.4	3.35	4.40	5.97	3.42	2.80	2.82	4.16	5.76	5.58	1920
1921	5.15	2.17	17.5	12.2	6.21	4.67	4.91	2.58	1.89	4.51	4.51	5.39	6.01	1921
1922	2.52	3.18	18.3	27.4	5.16	4.64	3.28	2.55	2.53	2.83	---	---	---	1922
1923	---	---	---	21.3	10.8	5.78	---	---	---	---	---	---	---	1923
1924	---	---	---	20.4	---	---	---	---	---	---	---	---	---	1924
1925	---	---	---	6.75	2.99	3.23	---	---	---	---	---	---	---	1925
1926	---	---	---	29.9	6.93	4.19	---	---	---	---	---	---	---	1926
1927	---	---	---	10.1	---	---	---	---	---	---	---	---	---	1927
1928	---	---	---	17.6	---	---	---	---	---	---	---	---	---	1928
1930	---	---	13.4	19.5	---	---	---	---	---	---	---	---	---	1930
1931	---	---	4.16	10.1	---	---	---	---	---	---	---	---	---	1931
1947	---	---	---	---	---	---	---	---	---	2.35	3.33	5.36	---	1947
1948	3.75	4.93	31.5	9.67	6.86	3.21	3.85	1.04	0.819	1.61	3.77	2.69	6.16	1948
MEAN	4.27	4.67	17.4	15.6	6.81	4.92	4.50	3.38	3.58	3.16	3.90	4.04	6.39	MEAN

LOCATION - LAT 43 25 54 N LONG 080 18 41 W DRAINAGE AREA, 707 km² REGULATED DATA CONTRIBUTED BY - ONTARIO HYDRO

SPEED RIVER AT HESPELER - STATION NO. 02GA008

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1913	---	---	---	---	1913
1914	---	50.4 ON MAR 28	0.340 ON AUG 16 *	136 000	1914
1915	---	54.1 ON SEP 14	1.05 B ON JAN 24	194 000	1915
1916	---	84.7 ON MAR 31	1.10 ON SEP 24	282 000	1916
1917	---	96.0 ON MAR 27	1.39 ON DEC 31	223 000	1917
1918	---	92.3 ON MAR 21	1.30 ON JAN 04	213 000	1918
1919	---	134 ON MAR 18	1.78 ON JUL 17	206 000	1919
1920	---	68.8 ON MAR 13	1.67 B ON FEB 06	177 000	1920
1921	---	58.3 ON MAR 09	0.821 ON AUG 27	189 000	1921
1922	---	87.8 ON APR 12	---	---	1922
1923	---	---	---	---	1923
1924	---	---	---	---	1924
1925	---	---	---	---	1925
1926	---	---	---	---	1926
1927	---	---	---	---	1927
1928	---	---	---	---	1928
1930	---	---	---	---	1930
1931	---	---	---	---	1931
1947	---	---	---	---	1947
1948	---	163 ON MAR 21 *	0.510 ON AUG 17	195 000	1948
				202 000	MEAN

B - ICE CONDITIONS * - EXTREME RECORDED FOR THE PERIOD OF RECORD

SPEED RIVER BELOW GUELPH - STATION NO. 02GA015

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1950	---	---	---	---	4.11	2.38	1.95	2.25	1.47	2.21	5.14	10.0	---	1950
1951	10.0	8.28	17.1	24.2	5.35	3.16	4.12	1.71	1.36	2.65	6.33	4.46	7.33	1951
1952	9.53	5.27	13.8	18.1	5.40	2.11	1.82	1.55	1.32	1.46	2.82	3.63	5.58	1952
1953	3.56	5.17	13.4	16.1	10.9	4.31	2.49	2.78	1.60	1.39	1.73	2.10	4.99	1953
1954	1.73	9.01	14.8	17.5	4.66	3.23	1.16	1.52	1.08	13.9	5.76	4.64	6.62	1954
1955	5.36	2.92	14.2	15.2	6.03	2.65	0.987	1.05	1.09	2.86	7.46	4.01	5.32	1955
1956	2.70	2.85	10.3	24.1	18.4	5.89	4.33	9.29	9.47	4.48	4.73	5.80	8.53	1956
1957	5.45	6.97	9.90	10.6	6.14	5.75	1.76	1.31	2.28	3.07	5.63	8.67	5.78	1957
1958	2.85	2.70	6.37	7.73	2.72	1.37	1.49	1.16	1.15	1.42	2.49	2.15	2.89	1958
1959	2.31	2.87	7.29	30.5	7.24	1.91	1.47	1.38	1.15	4.97	5.06	4.60	5.88	1959
1960	3.93	4.00	3.41	26.7	17.2	5.39	3.14	2.08	0.934	1.25	3.61	1.85	6.10	1960
1961	0.942	4.75	7.66	9.26	6.36	4.76	2.51	2.76	2.54	1.69	2.81	3.24	4.09	1961
1962	2.76	1.42	9.28	10.0	2.76	1.62	1.17	0.935	0.912	2.98	5.75	3.89	3.46	1962
1963	2.39	1.84	12.6	7.91	5.40	1.55	0.921	1.03	0.902	0.778	1.46	0.984	3.16	1963
1964	2.28	1.99	7.34	8.56	4.69	2.04	2.14	2.71	1.30	1.52	1.84	4.16	3.37	1964
1965	4.75	11.9	6.86	25.3	6.27	1.87	2.13	1.24	1.38	4.78	7.60	8.94	6.86	1965
1966	5.29	5.59	12.3	7.94	5.30	4.26	4.08	1.11	1.06	1.18	3.64	7.46	4.68	1966
1967	4.58	3.96	8.97	21.2	5.47	2.79	2.40	2.68	1.98	4.55	5.91	8.25	7.06	1967
1968	3.19	10.3	17.2	8.05	4.80	2.73	2.75	6.65	6.14	4.24	7.65	7.10	6.72	1968
1969	6.65	7.36	14.4	21.3	8.81	3.06	2.07	1.79	1.05	1.83	4.75	2.73	6.29	1969
1970	1.82	2.57	4.62	16.0	5.41	1.87	2.40	1.77	2.71	3.57	5.62	7.31	4.64	1970
1971	4.11	4.31	7.43	21.5	4.55	---	---	---	---	---	---	4.66	---	1971
1972	5.08	2.98	5.18	31.5	6.20	5.97	3.83	1.47	1.32	3.89	5.46	6.12	6.56	1972
1973	7.61	6.82	26.2	11.8	8.59	3.99	1.43	1.73	1.05	1.61	5.24	3.84	6.67	1973
1974	6.02	5.29	18.9	14.8	15.6	4.41	1.76	1.06	0.937	1.32	3.07	2.01	6.28	1974
1975	2.74	4.85	11.7	17.1	5.32	3.69	1.53	1.81	2.52	2.14	3.39	4.25	5.07	1975
1976	3.45	7.23	23.8	15.3	9.96	3.90	3.34	2.77	4.12	5.93	4.93	2.63	7.29	1976
1977	1.65	1.73	13.7	9.76	2.89	1.89	1.92	2.50	3.27	9.45	8.39	8.52	5.75	1977
1978	4.77	5.33	6.34	21.0	8.93	2.67	1.93	1.61	2.80	3.08	3.83	5.55	5.64	1978
1979	4.45	2.25	16.1	21.6	8.54	3.41	2.09	2.42	2.31	2.86	5.23	9.05	6.71	1979
1980	6.00	3.72	11.3	15.1	7.04	3.98	3.81	2.21	2.69	3.32	2.98	4.27	5.54	1980
1981	2.24	8.42	4.08	5.76	3.08	1.49	2.58	2.09	3.55	6.38	6.30	4.32	4.15	1981
1982	3.46	2.49	8.70	25.4	4.55	7.55	2.66	5.03	3.18	5.42	9.27	14.8	7.43	1982
1983	6.74	5.62	6.98	12.5	13.9	4.67	1.96	2.13	2.07	2.43	3.17	4.67	5.56	1983
1984	2.77	11.4	12.0	14.2	5.30	3.67	1.93	1.49	2.27	2.09	3.38	4.12	5.34	1984
1985	6.13	6.55	21.2	25.0	4.73	3.26	3.42	3.76	5.32	4.90	12.3	9.81	8.85	1985
1986	4.74	4.65	12.7	8.32	5.74	4.52	5.16	7.40	27.3	18.0	7.94	9.16	9.55	1986
1987	6.76	4.44	11.5	16.7	3.31	2.56	2.91	2.37	2.29	2.34	2.82	7.02	3.42	1987
1988	3.09	5.00	8.50	10.3	4.06	1.98	2.00	1.86	2.00	1.99	5.15	2.82	4.15	1988
1989	4.27	2.96	6.76	8.89	6.02	7.83	2.16	1.80	1.39	1.77	4.03	2.26	4.17	1989
1990	4.32	7.79	11.6	7.01	5.53	2.66	2.42	2.32	1.91	5.52	6.65	9.91	5.64	1990
MEAN	4.29	5.14	11.4	15.7	6.76	3.70	2.58	2.33	2.98	3.78	5.03	5.51	5.77	MEAN

LOCATION - LAT 43 31 30 N DRAINAGE AREA, 593 km²
LONG 080 15 44 W REGULATED

SPEED RIVER BELOW GUELPH - STATION NO. 02GA015

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1950	---	---	---	---	1950
1951	107 AT 22:00 EST ON MAR 30	85.0 ON MAR 31	0.850 ON SEP 10	231 000	1951
1952	---	44.7 ON APR 01	1.08 ON MAY 05	177 000	1952
1953	---	45.9 ON MAY 26	1.05 ON OCT 27	157 000	1953
1954	163 AT 13:00 EST ON OCT 16	130 ON OCT 16 *	0.963 ON JUL 09	209 000	1954
1955	---	58.3B ON MAR 11	0.566 ON JUL 23	168 000	1955
1956	---	99.7 ON MAY 12	1.53 ON AUG 04	270 000	1956
1957	---	34.3 ON APR 06	0.765E ON AUG 23	182 000	1957
1958	---	15.6 ON APR 07	0.680 ON AUG 16	91 200	1958
1959	---	83.3 ON APR 06	0.283 ON SEP 11	185 000	1959
1960	85.2 AT 13:00 EST ON APR 04	81.0 ON APR 04	0.912 ON AUG 31	193 000	1960
1961	---	33.7B ON FEB 24	0.793B ON FEB 01	129 000	1961
1962	61.4 AT 05:00 EST ON MAR 30	56.1 ON MAR 30	0 ON AUG 24 *	109 000	1962
1963	85.0 AT 22:00 EST ON MAR 27	80.4 ON MAR 27	0.408 ON NOV 06	99 500	1963
1964	28.9 AT 15:00 EST ON DEC 25	24.6 ON APR 08	0.408 ON SEP 19	107 000	1964
1965	98.0 AT 01:00 EST ON APR 08	78.2 ON APR 08	0.345 ON SEP 02	216 000	1965
1966	31.7 AT 03:00 EST ON DEC 08	29.4 ON DEC 08	0.765 ON JUL 24	148 000	1966
1967	136 AT 09:00 EST ON APR 03	107 ON APR 03	0.977 ON SEP 17	223 000	1967
1968	51.3 AT 16:30 EST ON AUG 23	37.7 ON MAR 20	1.22 ON JUL 27	213 000	1968
1969	54.4 AT 23:30 EST ON APR 18	48.4 ON APR 05	0.903 ON SEP 14	199 000	1969
1970	46.4 AT 05:08 EST ON APR 10	39.6 ON APR 09	0.906 ON JUL 01	146 000	1970
1971	48.1 AT 06:46 EST ON APR 10	43.3 ON APR 10	---	---	1971
1972	106 AT 04:12 EST ON APR 18	98.5 ON APR 15	1.05 ON SEP 24	207 000	1972
1973	83.0 AT 13:52 EST ON MAR 12	75.6 ON MAR 12	0.614 ON SEP 13	210 000	1973
1974	166 AT 12:26 EST ON MAY 17 *	112 ON MAY 17	0.753 ON AUG 22	198 000	1974
1975	127 A AT 15:00 EST ON APR 19	95.4A ON APR 19	0.708 ON AUG 20	160 000	1975
1976	50.1 AT 21:41 EST ON MAR 21	45.9 ON MAR 21	1.61 ON JUL 28	231 000	1976
1977	51.8 AT 11:10 EST ON MAR 14	49.6 ON MAR 14	1.02 ON JUL 28	181 000	1977
1978	34.0 AT 01:11 EST ON APR 14	32.0 ON APR 13	1.24 ON AUG 14	178 000	1978
1979	62.7 AT 06:38 EST ON APR 15	61.0 ON APR 15	1.67 ON JUL 19	212 000	1979
1980	51.0 AT 20:00 EST ON MAR 22	49.3 ON MAR 22	1.55 ON AUG 24	175 000	1980
1981	28.2 AT 01:27 EST ON FEB 25	26.3 ON FEB 25	0.527 ON JUN 10	131 000	1981
1982	69.8 AT 11:40 EST ON APR 02	65.7 ON APR 02	1.40 ON AUG 19	234 000	1982
1983	38.1 AT 18:21 EST ON MAY 03	35.0 ON MAY 04	1.38 ON SEP 10	175 000	1983
1984	32.8 AT 01:05 EST ON FEB 21	30.6 ON FEB 21	0.730 ON AUG 17	169 000	1984
1985	74.5 AT 01:50 EST ON APR 07	69.7 ON APR 06	1.66 ON AUG 06	279 000	1985
1986	109 AT 12:55 EST ON SEP 12	99.1 ON SEP 12	1.28 ON JUL 11	300 000	1986
1987	58.1 AT 16:58 EST ON APR 06	55.1 ON APR 06	1.71 ON OCT 16	171 000	1987
1988	---	33.4 ON MAR 27	1.33 ON SEP 30	130 000	1988
1989	34.4 AT 04:19 EST ON MAR 29	33.4 ON MAR 29	1.26 ON SEP 21	132 000	1989
1990	40.7 AT 18:35 EST ON MAR 14	33.8 ON MAR 14	1.49 B ON JAN 14	178 000	1990
MEAN				182 000	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX)
B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

SPEED RIVER NEAR ARMSTRONG MILLS - STATION NO. 02GA040

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1973	---	---	---	---	---	---	---	---	---	---	---	1.17	---	1973
1974	1.70	1.26	6.70	5.07	4.81	0.994	0.315	0.165	0.176	0.295	0.980	0.534	1.92	1974
1975	0.917	1.98	4.70	7.81	1.49	0.794	0.241	0.327	0.538	0.440	0.916	1.49	1.79	1975
1976	0.831	3.48	10.4	4.49	2.82	1.26	1.02	0.854	0.965	1.70	1.28	0.689	2.47	1976
1977	0.452	0.492	7.58	3.26	0.636	0.357	0.350	0.589	1.62	3.28	2.77	2.60	2.01	1977
1978	1.61	0.822	2.32	9.92	2.96	0.511	0.140	0.163	0.986	0.875	1.21	1.35	1.90	1978
1979	0.985	0.525	9.44	7.19	2.32	0.682	0.233	0.188	0.197	0.683	2.24	3.60	2.37	1979
1980	1.43	0.203	5.52	5.27	1.72	1.72	1.60	0.422	0.589	1.33	0.975	1.93	1.90	1980
1981	0.415	6.29	2.32	2.11	1.15	0.628	0.722	0.645	1.35	2.33	2.04	4.15	1.73	1981
1982	1.17	0.464	4.08	9.86	1.47	2.56	0.586	0.630	0.879	0.907	4.67	4.11	2.84	1982
1983	1.66	2.89	3.09	4.31	4.71	1.08	0.264	0.328	0.385	0.756	1.16	1.81	1.86	1983
1984	0.596	8.43	5.87	4.57	1.45	0.885	0.488	0.184	0.506	0.531	1.49	2.92	2.30	1984
1985	1.22	3.76	8.81	7.94	1.28	0.890	0.697	1.38	1.71	1.57	4.96	2.75	3.07	1985
1986	2.03	0.865	6.99	2.65	2.02	1.36	1.14	2.92	10.9	4.70	2.08	2.18	3.33	1986
1987	1.61	1.11	6.02	4.96	0.701	0.456	0.928	0.280	0.264	0.689	1.28	2.37	1.73	1987
1988	1.41	2.15	4.75	3.63	1.12	0.180	0.138	0.161	0.418	0.805	2.21	0.992	1.50	1988
1989	1.54	0.749	2.92	2.60	1.92	2.62	0.232	0.314	0.216	0.436	1.92	0.938	1.37	1989
1990	3.03	6.92	7.28	2.23	2.27	0.699	0.346	0.453	0.371	2.28	2.76	4.23	2.72	1990
MEAN	1.33	2.49	5.80	5.15	2.05	1.04	0.556	0.588	1.30	1.39	2.06	2.21	2.17	MEAN

LOCATION - LAT 43 38 19 N
LONG 080 16 12 W
DRAINAGE AREA 167 km^2
REGULATED SINCE 1976

SPEED RIVER NEAR ARMSTRONG MILLS - STATION NO. 02GA040

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1973	---	---	---	---	1973
1974	114 AT 06:42 EST ON MAY 17 *	61.7 ON MAY 17	0.079 ON AUG 22	60 700	1974
1975	102 AT 06:59 EST ON APR 19	71.4 ON APR 19	0.071 ON AUG 20	56 600	1975
1976	61.2 AT 06:41 EST ON MAR 21	52.7 ON MAR 21	0.190 ON SEP 09	78 200	1976
1977	67.4 AT 17:25 EST ON MAR 13	58.3 ON MAR 13	0.079 ON JUL 28	63 400	1977
1978	34.8 AT 22:21 EST ON APR 11	26.8 ON APR 11	0.048 ON AUG 15	59 900	1978
1979	52.8 AT 11:25 EST ON APR 14	44.8 ON APR 14	0.092 ON JUL 30	74 700	1979
1980	88.2 AT 15:38 EST ON MAR 21	46.0B ON MAR 21	0.080B ON MAR 03	60 000	1980
1981	34.0 AT 00:30 EST ON FEB 24	28.5B ON FEB 21	0.096 ON JUL 25	54 500	1981
1982	71.2 AT 23:33 EST ON MAR 31	48.3 ON APR 01	0.250 ON AUG 19	89 600	1982
1983	28.0 AT 03:36 EST ON MAY 03	20.8 ON MAY 03	0.112 ON SEP 15	58 800	1983
1984	---	50.0B ON FEB 15	0.099 ON AUG 18	72 700	1984
1985	50.1 AT 22:16 EST ON APR 05	37.7 ON APR 06	0.175 ON AUG 10	96 700	1985
1986	108 AT 09:49 EST ON SEP 11	78.6 ON SEP 11 *	0.319 ON JUL 12	105 000	1986
1987	32.2 AT 22:58 EST ON APR 05	26.2 ON APR 06	0.121 ON AUG 26	54 600	1987
1988	25.0B AT 02:00 EST ON MAR 26	26.0B ON MAR 26	0.020 ON JUL 10 *	47 400	1988
1989	22.7 AT 01:27 EST ON JUN 23	17.1 ON MAR 28	0.097 ON AUG 03	43 100	1989
1990	---	31.0B ON MAR 13	0.117 ON AUG 11	85 700	1990
	B - ICE CONDITIONS	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		68 300	MEAN

SPEED RIVER NEAR ERAMOSA - STATION NO. 02GA012

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1913	---	---	---	---	---	---	---	0.200	0.229	0.363	---	---	---	1913
MEAN	---	---	---	---	---	---	---	0.200	0.229	0.363	---	---	---	MEAN

LOCATION - LAT 43 35 34 N LONG 080 14 41 W DRAINAGE AREA, 233 km^2 REGULATED DATA CONTRIBUTED BY - ONTARIO HYDRO

REMARKS - STATION FORMERLY CALLED "SPEED RIVER AT LESLIES BRIDGE"

SPEED RIVER NEAR ERAMOSA - STATION NO. 02GA012

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1913	---	---	---	---	1913
				---	MEAN

SPEED RIVER NEAR GUELPH - STATION NO. 02GA007

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1913	---	---	---	---	---	---	---	---	---	---	1.45	0.681	---	1913
1914	1.99	0.719	7.49	2.61	0.562	0.061	0.075	0.207	0.673	0.296	1.68	1.04	1.46	1914
1915	0.864	1.99	3.88	3.74	1.03	0.776	1.12	3.91	3.42	1.89	1.86	1.10	2.13	1915
1916	5.56	3.71	8.92	8.34	4.09	3.28	0.493	0.176	0.143	0.590	0.539	0.773	2.95	1916
1917	0.747	1.10	11.3	4.31	2.07	1.73	3.83	0.311	0.072	---	---	---	---	1917
MEAN	2.29	1.83	7.67	4.75	1.94	1.46	1.38	1.15	1.08	0.925	1.38	0.899	2.18	MEAN

LOCATION - LAT 43 36 42 N LONG 080 14 55 W DRAINAGE AREA, 180 km^2 NATURAL FLOW DATA CONTRIBUTED BY - ONTARIO HYDRO

SPEED RIVER NEAR GUELPH - STATION NO. 02GA007

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1913	---	---	---	---	1913
1914	---	45.0 ON MAR 27	0.057 ON JUN 02	46 000	1914
1915	---	25.3 ON SEP 13	0.170 ON JUL 18	67 100	1915
1916	---	54.4 ON MAR 30 *	0.028 ON AUG 07 *	93 400	1916
1917	---	48.1 ON MAR 25	---	---	1917
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		68 800	MEAN

SPENCER CREEK AT DUNDAS - STATION NO. 02HB007

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1959	2.12	3.02	7.60	6.10	1.39	0.360	0.167	0.048	---	0.615	0.726	2.00	---	1959
1960	2.04	2.41	---	---	---	---	---	---	---	---	---	---	---	1960
1984	---	---	---	---	---	---	---	---	---	---	---	2.14	---	1984
1985	1.76	3.54	9.26	4.99	0.667	0.354	0.442	0.364	0.738	1.33	7.35	2.07	2.73	1985
1986	1.55	1.07	6.76	2.50	1.43	0.652	0.690	0.702	1.80	3.76	2.50	4.02	2.30	1986
1987	1.97	1.32	4.13	3.30	0.400	0.718	1.22	1.03	0.823	1.10	1.36	2.42	1.80	1987
1988	1.07	1.29	3.24	3.21	0.861	0.086	0.137	0.402	0.780	1.55	2.61	1.31	1.38	1988
1989	1.18	0.674	2.51	2.84	1.18	1.69	0.587	0.252	0.303	0.679	1.68	0.505	1.17	1989
1990	2.24	3.92	5.90	2.52	2.03	0.686	0.392	0.370	0.467	1.71	2.01	4.87	2.25	1990
MEAN	1.74	2.13	5.63	3.92	1.14	0.649	0.519	0.453	0.819	1.53	2.61	2.42	1.94	MEAN

LOCATION - LAT 43 15 55 N DRAINAGE AREA, 169 km²
LONG 079 57 49 W NATURAL FLOW

SPENCER CREEK AT DUNDAS - STATION NO. 02HB007

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1959	---	19.6B ON MAR 06	---	---	1959
1960	---	---	---	---	1960
1984	---	---	---	---	1984
1985	19.4 AT 01:04 EST ON FEB 25	18.1 ON FEB 25	0.057 ON AUG 12	86 000	1985
1986	17.9 AT 12:48 EST ON MAR 19	15.8 ON MAR 19	0.132 ON JUN 04	72 500	1986
1987	17.3 AT 21:16 EST ON APR 06	16.4 ON APR 06	0.083 ON MAY 31	56 900	1987
1988	16.4 AT 00:00 EST ON APR 08	11.8 ON MAR 28	0.030 ON JUL 12 *	43 500	1988
1989	14.1 AT 11:01 EST ON MAR 30	12.2 ON MAR 29	0.088 ON AUG 31	37 000	1989
1990	23.3 AT 01:00 EST ON DEC 31 *	19.9 ON DEC 31 *	0.118 ON AUG 11	71 100	1990
	B - ICE CONDITIONS	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		61 200	MEAN

SPENCER CREEK AT DUNDAS CROSSING - STATION NO. 02HB010

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1960	---	---	---	---	---	---	---	---	---	0.320	0.623	0.284	---	1960
1961	0.162	2.22	4.17	4.35	2.29	0.837	0.740	2.97	0.913	0.343	0.909	1.21	1.75	1961
1962	0.445	0.297	7.10	3.02	0.746	0.567	0.235	0.252	0.184	1.74	3.49	2.00	1.68	1962
1963	0.576	0.330	5.06	2.85	1.90	0.582	0.082	0.064	0.046	0.046	0.136	0.131	0.989	1963
1964	0.389	0.335	3.28	3.02	1.52	0.671	1.12	1.28	0.908	0.334	0.515	1.50	1.24	1964
1965	1.27	4.55	4.25	8.48	1.02	0.130	0.127	0.157	0.162	0.889	2.18	2.39	2.11	1965
1966	1.12	1.46	4.81	2.40	1.62	0.980	0.112	0.055	0.040	0.240	0.601	2.83	1.36	1966
1967	0.84	1.35	1.68	2.21	2.28	3.04	1.72	0.716	0.418	0.993	1.49	2.45	2.09	1967
1968	0.996	1.85	5.24	5.26	2.26	0.622	0.301	0.057	1.63	0.995	2.39	2.48	1.95	1968
1969	2.63	2.57	3.00	5.45	2.95	0.606	0.219	0.131	0.075	0.170	0.573	0.527	1.57	1969
1970	0.380	0.785	2.80	4.32	1.57	0.250	0.257	0.223	0.402	0.741	1.63	2.03	1.28	1970
1971	1.06	1.38	5.78	5.34	0.837	0.499	0.240	0.139	0.151	0.226	0.321	1.10	1.42	1971
1972	1.08	0.739	5.19	6.85	2.18	0.907	0.962	1.87	0.379	1.16	2.58	2.67	2.21	1972
1973	2.54	2.38	8.94	4.02	1.91	0.746	0.606	0.397	0.144	0.563	2.36	2.11	2.21	1973
1974	3.78	2.54	5.02	4.11	4.37	1.49	0.553	0.191	0.194	0.568	0.919	1.04	2.06	1974
1975	1.12	2.35	5.10	3.35	1.00	0.395	0.205	0.373	1.27	1.50	2.14	2.05	1.73	1975
1976	1.37	6.99	9.31	4.20	3.34	0.852	0.814	0.399	2.29	1.41	1.13	0.664	2.72	1976
1977	0.530	0.833	8.30	3.72	0.859	0.369	0.595	0.362	1.89	3.23	2.40	4.60	2.33	1977
1978	1.74	1.36	5.13	7.86	2.10	0.439	0.186	0.192	0.943	1.14	1.07	1.47	1.97	1978
1979	1.24	1.06	7.58	6.66	1.80	0.622	0.339	0.290	0.366	0.919	1.62	3.73	2.19	1979
1980	2.20	0.582	3.54	5.26	1.75	0.603	0.319	0.257	0.282	0.878	0.532	0.781	1.42	1980
1981	0.298	3.75	1.80	1.84	0.760	0.450	0.373	0.536	1.67	2.16	2.07	1.21	1.39	1981
1982	0.774	0.715	6.22	6.01	1.01	1.67	0.442	0.991	1.22	1.62	2.69	3.60	2.27	1982
1983	4.05	2.86	3.36	3.44	3.31	1.12	0.320	0.546	0.419	0.608	1.18	2.11	1.77	1983
1984	0.772	---	---	---	---	---	---	---	---	---	---	---	---	1984
MEAN	1.27	1.97	5.17	4.54	1.84	0.811	0.473	0.577	0.694	0.950	1.48	1.87	1.81	MEAN

LOCATION - LAT 43 15 54 N DRAINAGE AREA, 166 km²
LONG 079 57 53 W REGULATED

REMARKS - DISCONTINUED FEB 19 1984. REPLACED BY STATION NO. 02HB007 (NEW SITE)

SPENCER CREEK AT DUNDAS CROSSING - STATION NO. 02HB010

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1960	---	---	---	---	1960
1961	---	12.3 ON FEB 23	0.062 ON JAN 30	25 300	1961
1962	---	19.0 ON NOV 10	0.034 ON SEP 28	53 100	1962
1963	---	16.3 ON MAR 27	0.028 ON OCT 20	31 200	1963
1964	---	6.46 ON MAR 26	0.093 ON JAN 01	39 300	1964
1965	---	24.4 ON FEB 11 *	0.042 ON JUL 31	66 500	1965
1966	---	11.3 ON DEC 11	0.023 ON SEP 12 *	42 900	1966
1967	---	18.5 ON APR 03	0.170 ON JUN 07	65 900	1967
1968	---	21.2 B ON FEB 02	0.116 ON AUG 01	61 500	1968
1969	17.5 AT 18:00 EST ON APR 19	16.0 B ON JAN 30	0.031 ON OCT 18	49 400	1969
1970	13.8 AT 23:30 EST ON APR 02	10.0 ON APR 03	0.085 ON JUL 07	40 400	1970
1971	20.3 AT 12:44 EST ON APR 07	15.9 ON APR 07	0.051 ON AUG 21	44 800	1971
1972	17.4 AT 13:04 EST ON MAR 22	15.7 ON MAR 22	0.278 ON SEP 22	70 000	1972
1973	21.2 AT 14:51 EST ON MAR 11	17.8 ON MAR 15	0.062 ON SEP 11	70 300	1973
1974	22.7 AT 23:39 EST ON JAN 27	18.2 ON JAN 28	0.079 ON AUG 30	65 000	1974
1975	16.4 AT 22:47 EST ON FEB 24	13.4 ON MAR 20	0.062 ON MAY 29	54 600	1975
1976	26.4 AT 16:18 EST ON SEP 18	17.4 ON SEP 19	0.102 ON SEP 09	85 900	1976
1977	20.7 AT 20:02 EST ON MAR 10	17.5 ON MAR 11	0.144 ON AUG 02	73 300	1977
1978	21.1 AT 19:31 EST ON MAR 23	16.5 ON MAR 24	0.093 ON JUL 20	62 000	1978
1979	30.6 AT 07:50 EST ON MAR 05 *	23.8 ON MAR 05	0.123 ON AUG 17	69 200	1979
1980	19.7 AT 11:17 EST ON APR 15	16.5 ON MAR 22	0.121 ON AUG 27	44 800	1980
1981	14.4 AT 06:24 EST ON FEB 21	13.3 ON FEB 20	0.092 ON AUG 27	43 800	1981
1982	29.0 AT 03:46 EST ON APR 01	23.7 ON APR 01	0.156 ON AUG 21	71 500	1982
1983	18.0 AT 09:13 EST ON MAY 03	7.47 ON MAY 04	0.105 ON JUL 28	55 800	1983
1984	---	---	---	---	1984
	B - ICE CONDITIONS	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		57 200	MEAN

SPENCER CREEK AT HIGHWAY NO. 5 - STATION NO. 02HB023

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1987	---	---	3.57	4.61	0.671	0.664	0.934	0.790	0.762	0.840	1.31	2.96	---	1987
1988	0.987	1.37	2.68	2.48	0.904	0.153	0.118	0.383	0.633	1.12	2.11	1.09	1.18	1988
1989	1.24	0.797	1.89	2.39	1.01	1.52	0.416	0.191	0.145	0.303	1.58	0.315	0.980	1989
1990	2.25	3.33	4.39	1.94	1.88	0.502	0.247	0.251	0.285	1.35	2.02	4.44	1.90	1990
MEAN	1.49	1.83	3.13	2.86	1.12	0.710	0.429	0.404	0.456	0.903	1.81	2.20	1.35	MEAN

LOCATION - LAT 43 16 58 N LONG 080 03 09 W DRAINAGE AREA, 132 km^2 NATURAL FLOW

REMARKS - STATION ACTIVATED FEB 12 1987.

SPENCER CREEK AT HIGHWAY NO. 5 - STATION NO. 02HB023

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1987	18.1 AT 19:12 EST ON APR 05	15.4 ON APR 06	0.081 ON AUG 25	---	1987
1988	8.77 AT 05:17 EST ON MAR 27	8.17 ON MAR 27	0.006 ON JUL 06 *	37 400	1988
1989	9.40 AT 10:43 EST ON MAR 29	8.97 ON MAR 29	0.043 ON AUG 14	30 900	1989
1990	21.0 AT 08:09 EST ON DEC 30 *	20.0 ON DEC 30 *	0.061 ON AUG 11	60 100	1990
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		42 800	MEAN

SPENCER CREEK NEAR WESTOVER - STATION NO. 02HB015

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1971	---	---	---	---	---	---	0.095	0.079	0.076	0.141	0.239	0.818	---	1971
1972	0.342	0.296	0.824	2.52	0.702	0.347	0.429	0.516	0.161	0.598	1.04	0.639	0.707	1972
1973	0.730	0.432	2.81	1.40	0.838	0.372	0.120	0.095	0.085	0.172	0.782	0.656	0.733	1973
1974	1.03	0.941	1.65	1.22	1.19	0.554	0.206	0.072	0.068	0.120	0.549	0.371	0.662	1974
1975	0.358	0.497	1.42	1.47	0.544	0.233	0.057	0.162	0.430	0.727	0.745	0.715	0.614	1975
1976	0.472	1.41	2.93	1.49	1.15	0.384	0.181	0.197	0.364	0.363	0.552	0.203	0.820	1976
1977	0.143	0.193	2.28	1.53	0.317	0.198	0.196	0.197	0.709	1.33	0.883	1.53	0.803	1977
1978	0.926	0.517	0.930	2.74	0.803	0.214	0.090	0.096	0.426	0.436	0.494	0.632	0.689	1978
1979	0.308	0.317	2.10	2.14	0.923	0.341	0.157	0.114	0.158	0.432	0.768	1.34	0.761	1979
1980	0.948	0.232	0.937	1.78	0.947	0.311	0.163	0.135	0.141	0.428	0.301	0.329	0.546	1980
1981	0.073	1.23	0.707	0.708	0.371	0.170	0.155	0.242	0.681	0.766	0.867	0.396	0.524	1981
1982	0.397	0.202	1.82	2.73	0.471	0.609	0.129	0.421	0.417	0.535	0.988	1.43	0.848	1982
1983	0.779	0.888	1.17	1.19	1.33	0.451	0.104	0.422	0.179	0.342	0.414	0.658	0.660	1983
1984	0.463	1.69	1.04	1.57	0.651	0.449	0.184	0.321	0.434	0.294	0.876	0.729	0.719	1984
1985	0.589	0.842	2.87	1.91	0.281	0.204	0.173	0.164	0.321	0.510	2.09	0.747	0.891	1985
1986	0.446	0.500	1.00	0.682	0.555	0.292	0.304	0.236	0.645	1.41	0.941	1.25	0.775	1986
1987	0.625	0.389	1.26	1.55	0.299	0.401	0.694	0.435	0.511	0.512	0.601	1.01	0.692	1987
1988	0.585	0.448	1.07	1.19	0.412	0.064	0.109	0.085	0.235	0.475	0.894	0.433	0.480	1988
1989	0.421	0.298	0.678	0.978	0.375	0.499	0.064	0.071	0.059	0.145	0.623	0.187	0.365	1989
1990	0.485	0.838	1.62	0.932	0.597	0.220	0.107	0.157	0.153	0.593	0.731	1.46	0.658	1990
MEAN	0.521	0.656	1.59	1.56	0.670	0.333	0.195	0.209	0.317	0.516	0.769	0.777	0.681	MEAN

LOCATION - LAT 43 21 10 N LONG 080 04 40 W DRAINAGE AREA, 63.5 km^2 NATURAL FLOW

SPENCER CREEK NEAR WESTOVER - STATION NO. 02HB015

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1971	---	---	---	---	1971
1972	4.81 AT 06:40 EST ON APR 15	4.70 ON APR 15	0.102 ON JUL 31	22 300	1972
1973	6.26 AT 00:54 EST ON MAR 08	5.47 ON MAR 08	0.037 ON SEP 12	23 100	1973
1974	5.01 AT 00:35 EST ON MAR 07	4.62 ON MAR 07	0.045 ON AUG 22	20 900	1974
1975	3.40 AT 20:50 EST ON APR 20	3.31 ON APR 20	0.034 ON JUL 09	19 300	1975
1976	6.17 AT 09:22 EST ON MAR 23	4.93 ON MAR 23	0.057 ON SEP 08	25 900	1976
1977	9.83B AT 19:35 EST ON MAR 13 *	9.26 ON MAR 14 *	0.040 ON JUL 28	25 300	1977
1978	4.64 AT 05:53 EST ON APR 08	4.64 ON APR 03	0.045 ON JUL 20	21 700	1978
1979	6.11 AT 22:31 EST ON APR 15	5.67 ON APR 15	0.041 ON AUG 22	24 000	1979
1980	5.13 AT 23:39 EST ON MAR 22	4.75 ON MAR 23	0.048 ON SEP 12	17 300	1980
1981	5.39 AT 01:46 EST ON FEB 22	5.25 ON FEB 22	0.017 ON JUL 17	16 500	1981
1982	9.05 AT 11:39 EST ON APR 02	8.08 ON APR 02	0.041 ON JUL 27	26 700	1982
1983	2.15 AT 14:30 EST ON MAY 05	2.13 ON MAY 05	0.029E ON SEP 16	20 800	1983
1984	5.34 AT 00:26 EST ON FEB 20	5.20 ON FEB 19	0.057 ON AUG 01	22 700	1984
1985	4.48 AT 21:30 EST ON MAR 31	4.41 ON APR 01	0.013 ON JUL 31	28 100	1985
1986	5.80 AT 07:42 EST ON MAR 20	5.20 ON MAR 20	0.072 ON SEP 09	24 400	1986
1987	4.13 AT 15:49 EST ON APR 07	3.99 ON APR 07	0.065 ON JUN 21	21 800	1987
1988	4.12 AT 02:00 EST ON MAR 27	3.82 ON MAR 27	0.002 ON JUL 11 *	15 200	1988
1989	4.45 AT 11:04 EST ON MAR 29	4.36 ON MAR 29	0.032 ON AUG 14	11 500	1989
1990	5.20 AT 20:49 EST ON MAR 14	5.01 ON MAR 14	0.036 ON AUG 11	20 800	1990
				21 500	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

ST. LAWRENCE RIVER AT CORNWALL - STATION NO. 02MC002

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1958	---	---	---	---	---	---	6 430	6 310	6 220	6 100	5 870	5 910	---	1958
1959	5 050	5 370	5 740	6 990	7 450	7 450	7 140	6 550	6 190	5 910	5 940	6 050	6 320	1959
1960	6 020	6 130	6 440	7 000	7 620	8 220	7 780	7 410	6 620	5 770	5 860	5 960	6 740	1960
1961	5 970	6 030	5 900	6 200	7 070	7 900	7 560	7 160	6 980	6 540	6 120	6 060	6 630	1961
1962	5 980	5 900	5 790	5 420	5 580	6 020	6 070	6 130	6 110	5 980	5 890	5 960	5 900	1962
1963	5 940	5 890	5 580	5 380	5 320	5 840	6 060	6 130	6 010	6 000	5 820	5 940	5 830	1963
1964	5 970	5 840	5 460	5 080	5 210	5 540	5 680	5 850	5 870	5 820	5 650	5 460	5 620	1964
1965	5 180	5 150	5 090	5 200	5 000	5 340	5 700	5 840	5 740	5 750	5 940	6 420	5 530	1965
1966	6 200	6 300	6 620	6 630	6 010	6 010	6 210	6 240	6 260	6 130	6 000	6 140	6 230	1966
1967	6 210	6 460	6 100	5 990	6 190	6 190	6 410	6 600	6 580	7 070	7 830	7 970	6 630	1967
1968	6 810	7 050	6 710	7 420	6 970	6 720	7 170	7 420	7 660	7 420	7 190	7 120	7 140	1968
1969	6 660	7 150	7 230	7 490	7 800	8 240	8 420	8 350	7 850	7 230	7 020	6 890	7 530	1969
1970	6 440	6 660	6 660	6 700	7 050	7 960	7 260	7 510	7 320	7 440	7 500	7 340	7 080	1970
1971	6 670	7 010	7 440	7 680	8 070	7 720	7 400	7 320	7 460	7 320	7 000	6 650	7 310	1971
1972	6 290	6 530	7 200	7 720	8 240	8 490	8 780	8 780	8 780	8 560	8 310	7 640	7 950	1972
1973	7 130	7 900	8 480	9 200	9 530	9 910	9 910	9 160	8 970	8 670	8 310	7 530	8 730	1973
1974	6 800	7 520	8 540	8 770	8 720	9 260	9 520	9 350	8 900	8 590	7 840	7 970	8 490	1974
1975	7 260	7 070	8 180	8 530	8 660	8 720	8 220	8 010	7 970	8 180	8 140	7 450	8 040	1975
1976	6 990	7 380	8 200	8 650	9 300	9 870	9 900	9 230	8 760	8 540	8 400	6 770	8 500	1976
1977	6 270	6 090	7 000	7 800	7 930	7 440	7 060	7 350	7 930	8 480	8 390	7 280	7 420	1977
1978	7 060	8 060	8 470	8 300	8 910	8 720	8 230	7 880	7 760	7 460	7 040	6 370	7 850	1978
1979	6 270	7 030	7 640	8 050	8 220	8 390	7 910	7 780	8 000	8 270	8 150	8 170	7 830	1979
1980	7 180	7 170	7 150	7 860	8 380	8 240	8 140	8 310	8 530	8 110	7 920	7 120	7 850	1980
1981	6 690	6 800	7 500	7 340	7 010	7 160	7 450	7 900	8 390	8 470	8 410	8 490	7 640	1981
1982	6 800	7 100	7 210	7 750	8 150	8 210	8 240	7 870	7 700	7 500	7 540	7 650	7 650	1982
1983	6 570	6 930	7 600	7 800	7 970	8 430	7 980	7 820	7 860	7 710	7 640	7 490	7 650	1983
1984	6 740	7 480	7 920	7 990	8 690	8 760	8 650	8 630	8 430	7 670	7 500	7 360	7 990	1984
1985	6 500	7 270	7 840	8 370	8 440	8 650	8 580	8 390	8 370	8 170	8 110	7 750	8 040	1985
1986	7 030	8 140	8 510	8 990	9 380	9 210	9 480	9 240	9 250	9 170	8 580	8 260	8 940	1986
1987	8 460	8 090	8 900	8 870	9 310	8 880	8 660	8 090	7 790	7 730	7 530	7 260	8 280	1987
1988	6 730	7 140	7 370	7 170	6 750	7 100	6 870	6 960	6 970	6 770	6 990	6 970	6 970	1988
1989	6 060	6 390	6 200	5 810	6 470	7 370	7 950	7 650	7 440	7 220	7 410	6 700	6 890	1989
1990	6 870	7 190	7 480	7 850	8 170	8 330	7 880	7 560	7 380	7 300	7 320	7 120	7 540	1990
MEAN	6 530	6 820	7 130	7 380	7 610	7 790	7 720	7 600	7 510	7 370	7 260	7 050	7 340	MEAN

LOCATION - LAT 45 00 21 N
LONG 074 47 43 W
DRAINAGE AREA, 774 000 km^2
REGULATED

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1958	---	---	---	---	1958
1959	---	7 500 ON JUN 19	4 640 ON JAN 09	199 000 000	1959
1960	---	8 690 ON JUN 28	5 520 ON JAN 14	213 000 000	1960
1961	---	8 010 ON JUN 10	5 580 ON MAR 11	209 000 000	1961
1962	---	6 200 ON SEP 07	5 070 ON MAR 31	186 000 000	1962
1963	---	6 710 ON JAN 31	4 900 ON MAR 30	184 000 000	1963
1964	---	6 120 ON JAN 01	4 670 ON APR 04	178 000 000	1964
1965	---	6 850 ON DEC 27	4 500 ON FEB 27 *	174 000 000	1965
1966	---	6 940 ON MAR 30	5 380 ON DEC 03	197 000 000	1966
1967	---	8 070 ON NOV 25	4 980 ON APR 01	209 000 000	1967
1968	---	7 930 ON DEC 09	5 950 ON DEC 21	226 000 000	1968
1969	---	8 470 ON JUN 28	5 950 ON JAN 04	237 000 000	1969
1970	---	7 930 ON DEC 12	5 660 ON JAN 03	223 000 000	1970
1971	---	8 130 ON MAY 15	6 230 ON JAN 01	231 000 000	1971
1972	---	8 830 ON SEP 08	5 660 ON JAN 01	251 000 000	1972
1973	---	9 940 ON JUL 11	6 510 ON JAN 10	275 000 000	1973
1974	---	9 660 ON JUL 23	5 800 ON JAN 12	268 000 000	1974
1975	---	8 780 ON APR 12	6 510 ON JAN 18	253 000 000	1975
1976	---	9 970 ON JUN 22	5 860 ON DEC 30	269 000 000	1976
1977	---	8 640 ON OCT 08	5 660 ON JAN 15	234 000 000	1977
1978	---	9 090 ON MAR 29	5 660 ON DEC 21	248 000 000	1978
1979	---	8 640 ON DEC 31	5 660 ON JAN 13	247 000 000	1979
1980	---	8 780 ON JAN 01	5 950 ON DEC 27	248 000 000	1980
1981	---	8 780 ON DEC 26	5 950 ON JAN 01	241 000 000	1981
1982	---	8 780 ON JAN 01	5 950 ON JAN 12	241 000 000	1982
1983	---	8 550 ON MAY 28	5 660 ON DEC 24	241 000 000	1983
1984	---	8 830 ON JUL 24	6 230 ON JAN 02	253 000 000	1984
1985	---	8 830 ON APR 19	6 030 ON DEC 28	253 000 000	1985
1986	---	10 200 ON DEC 31 *	6 230 ON JAN 05	282 000 000	1986
1987	---	10 200 ON JAN 01	6 210 ON JAN 23	261 000 000	1987
1988	---	7 650 ON JAN 01	6 200 ON DEC 31	220 000 000	1988
1989	---	8 050 ON JUL 01	5 320 ON APR 04	217 000 000	1989
1990	---	8 550 ON JUN 17	6 230 ON JAN 14	238 000 000	1990
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		231 030 000	MEAN

ST. LAWRENCE RIVER AT IROQUOIS - STATION NO. 02MB005

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1860	---	---	---	---	---	7 820	7 900	7 820	7 620	7 390	7 560	7 480	---	1860
1861	6 630	6 820	7 420	7 900	8 500	8 580	8 610	8 380	8 040	8 100	8 070	8 010	7 930	1861
1862	7 330	7 020	7 420	8 180	8 810	8 640	8 550	8 330	7 990	7 700	7 420	7 360	7 900	1862
1863	7 390	7 280	7 250	7 870	8 330	8 380	8 210	7 930	7 670	7 360	7 360	7 310	7 700	1863
1864	6 740	6 970	7 160	7 500	8 130	8 410	8 130	7 870	7 620	7 420	7 480	7 590	7 590	1864
1865	7 330	6 740	7 220	7 930	8 070	8 070	7 900	7 590	7 220	6 970	6 880	6 800	7 400	1865
1866	6 200	6 030	6 430	6 910	7 250	7 560	7 620	7 530	7 360	7 310	7 360	7 650	7 110	1866
1867	6 740	7 190	7 310	7 870	8 350	8 580	8 350	8 010	7 590	7 160	7 020	6 510	7 560	1867
1868	6 260	5 920	6 290	6 910	6 990	7 420	7 360	7 140	7 140	6 770	6 630	6 820	6 810	1868
1869	6 170	5 970	5 800	7 220	7 670	7 790	8 010	7 990	7 900	7 760	7 500	7 140	7 250	1869
1870	7 310	7 330	7 310	8 210	8 890	8 720	8 670	8 210	7 870	7 620	7 360	7 250	7 900	1870
1871	6 820	6 680	7 160	7 500	7 760	7 760	7 650	7 360	7 160	6 910	6 540	6 340	7 140	1871
1872	5 950	5 490	5 610	6 230	6 540	6 740	6 770	6 650	6 510	6 340	6 400	5 920	6 260	1872
1873	5 580	5 580	5 950	7 110	7 650	7 700	7 650	7 480	7 280	6 990	6 850	6 970	6 910	1873
1874	7 190	6 510	7 760	7 820	7 790	7 960	7 900	7 730	7 330	7 110	6 820	6 600	7 380	1874
1875	5 490	4 900	5 830	6 650	6 990	7 080	7 110	6 990	6 740	6 650	6 510	6 370	6 450	1875
1876	6 480	6 740	7 190	7 990	8 350	8 500	8 550	8 240	7 820	7 730	7 420	7 330	7 700	1876
1877	5 950	6 650	6 880	7 280	7 420	7 420	7 450	7 220	6 940	6 800	6 630	6 680	6 940	1877
1878	6 460	6 600	7 110	7 390	7 650	7 650	7 530	7 560	7 480	7 280	7 190	7 700	7 300	1878
1879	6 970	7 280	7 190	7 480	7 590	7 560	7 480	7 190	7 050	6 710	6 430	6 430	7 110	1879
1880	6 570	6 680	6 880	7 160	7 250	7 390	7 360	7 050	6 910	6 650	6 740	6 430	6 920	1880
1881	5 150	5 520	6 460	6 880	6 990	7 140	7 190	6 990	6 710	6 480	6 540	6 630	6 560	1881
1882	6 880	6 910	7 390	7 560	7 620	7 990	7 990	7 760	7 390	7 020	6 820	6 880	7 350	1882
1883	5 780	5 890	6 340	7 140	7 450	7 900	8 160	8 070	7 700	7 480	7 390	7 390	7 230	1883
1884	6 570	6 910	7 360	8 160	8 380	8 180	8 240	8 010	7 650	7 310	7 140	7 050	7 580	1884
1885	6 800	6 480	6 170	6 570	7 530	7 820	7 870	7 670	7 650	7 420	7 500	7 670	7 270	1885
1886	7 560	7 650	7 700	8 240	8 550	8 410	8 130	7 930	7 730	7 450	7 450	7 250	7 840	1886
1887	6 940	7 140	7 480	7 990	8 270	8 270	8 100	7 700	7 390	7 220	6 880	6 710	7 510	1887
1888	6 340	5 800	6 170	7 020	7 160	7 250	7 220	7 190	6 970	6 710	6 680	6 680	6 770	1888
1889	6 740	6 230	6 540	7 140	7 220	7 500	7 620	7 480	7 110	6 680	6 570	6 820	6 980	1889
1890	7 080	7 190	7 480	7 360	7 930	8 160	8 270	7 840	7 650	7 420	7 450	7 250	7 590	1890
1891	6 800	7 020	7 420	7 870	7 820	7 530	7 450	7 160	6 850	6 480	6 230	6 140	7 060	1891
1892	6 000	5 660	5 690	6 460	6 570	6 910	7 310	7 160	7 110	6 770	6 570	6 510	6 560	1892
1893	6 000	5 470	5 950	6 970	7 700	7 900	7 760	7 330	7 250	6 990	6 650	6 540	6 880	1893
1894	6 480	5 860	6 850	7 050	7 220	7 530	7 390	6 910	6 740	6 600	6 460	6 170	6 780	1894
1895	5 860	5 380	5 520	6 310	6 460	6 400	6 200	6 090	5 860	5 660	5 470	5 490	5 890	1895
1896	5 580	5 610	5 550	6 540	6 740	6 680	6 600	6 400	6 060	5 860	5 860	5 720	6 100	1896
1897	5 580	5 410	5 750	6 430	6 710	6 880	6 800	6 800	6 370	6 030	5 920	6 030	6 230	1897
1898	5 970	6 090	6 460	6 850	6 990	7 020	6 880	6 650	6 400	6 200	6 230	6 260	6 500	1898
1899	6 090	5 950	6 260	6 740	6 940	7 050	6 910	6 600	6 290	6 030	5 950	6 000	6 400	1899
1900	5 890	5 920	6 090	6 770	6 940	6 970	6 910	6 710	6 510	6 260	6 120	6 290	6 450	1900
1901	6 060	5 920	5 830	6 630	6 910	7 020	6 850	6 650	6 400	6 310	5 970	6 090	6 400	1901
1902	5 950	5 350	6 290	6 740	6 800	6 880	7 020	7 080	6 880	6 650	6 510	6 340	6 550	1902
1903	6 230	6 230	6 800	7 310	7 360	7 310	7 360	7 220	7 000	6 770	6 430	6 230	6 860	1903
1904	5 750	5 830	6 230	7 250	7 650	7 840	7 870	7 730	7 480	7 220	6 880	6 260	7 000	1904
1905	5 920	6 170	6 000	6 740	6 850	7 050	7 330	7 280	7 190	6 990	6 820	6 650	6 750	1905
1906	6 850	6 630	6 570	6 820	6 910	6 970	7 080	6 880	6 630	6 540	6 480	6 430	6 730	1906
1907	6 310	6 510	6 650	7 220	7 390	7 420	7 450	7 310	7 050	6 990	6 940	6 910	7 020	1907
1908	6 570	6 540	7 020	7 870	8 270	8 330	8 160	7 900	7 420	6 990	6 740	6 430	7 360	1908
1909	6 090	5 890	6 340	6 820	7 390	7 530	7 480	7 250	6 910	6 680	6 370	6 290	6 760	1909
1910	5 920	5 660	6 460	6 710	7 020	7 050	6 970	6 820	6 540	6 400	6 230	6 060	6 490	1910
1911	5 780	5 660	5 830	6 340	6 570	6 570	6 540	6 310	6 090	5 970	6 000	6 000	6 140	1911
1912	5 720	5 410	5 610	6 680	7 220	7 590	7 330	7 140	6 990	6 880	6 820	6 880	6 690	1912
1913	6 990	6 880	7 050	7 730	7 930	7 930	7 790	7 500	7 140	6 910	6 850	6 740	7 290	1913
1914	6 400	6 090	6 170	7 160	7 280	7 280	7 140	6 940	6 820	6 480	6 400	6 090	6 690	1914
1915	6 030	5 750	6 290	6 290	6 260	6 230	6 260	6 430	6 480	6 340	6 200	6 000	6 220	1915
1916	6 170	6 120	6 060	6 940	7 420	7 790	7 840	7 530	7 140	6 770	6 310	6 310	6 890	1916
1917	6 090	6 340	6 260	6 850	6 940	7 280	7 590	7 530	7 280	7 150	7 100	6 950	6 950	1917
1918	6 520	6 320	6 830	7 300	7 360	7 350	7 270	7 010	6 870	6 700	6 760	6 640	6 910	1918
1919	6 760	6 660	6 740	7 110	7 580	7 660	7 770	7 520	7 220	6 930	6 790	6 600	7 130	1919
1920	6 000	5 780	5 910	6 480	6 490	6 480	6 580	6 500	6 400	6 320	6 210	6 400	6 300	1920
1921	5 440	6 260	6 650	6 930	7 110	7 080	6 940	6 690	6 400	6 210	5 950	6 080	6 560	1921
1922	5 900	5 610	6 040	6 800	7 020	7 130	7 270	7 010	6 710	6 480	6 200	5 880	6 510	1922
1923	5 670	5 550	5 550	6 250	6 480	6 670	6 550	6 380	6 130	5 900	5 760	5 850	6 060	1923
1924	5 940	5 730	5 880	6 350	6 790	6 880	6 850	6 750	6 500	6 390	6 180	5 880	6 350	1924
1925	5 170	5 330	6 080	6 420	6 500	6 410	6 280	6 110	5 900	5 770	5 840	5 940	5 980	1925
1926	5 520	5 090	5 280	6 050	6 360	6 350	6 280	6 150	[illegible]	6 170	6 420	6 430	6 020	1926
1927	5 980	5 670	6 270	6 690	6 720	5 850	6 770	6 610	6 340	5 140	6 110	6 600	6 400	1927
1928	6 600	6 540	6 550	7 000	7 060	7 070	7 180	7 110	6 850	6 610	6 530	6 650	6 820	1928
1929	6 540	6 500	6 750	7 420	8 090	8 130	8 080	7 890	7 560	7 230	7 150	6 740	7 340	1929
1930	7 050	7 130	7 630	7 870	7 910	7 950	7 890	7 530	7 210	6 850	6 540	6 290	7 320	1930
1931	6 050	5 800	5 820	6 120	6 210	6 340	6 260	6 020	5 860	5 700	5 590	5 510	5 940	1931
1932	5 770	6 130	6 210	6 600	6 790	6 720	6 640	6 470	6 130	5 900	5 780	5 760	6 240	1932
1933	5 780	5 590	5 580	6 000	6 290	6 340	6 140	5 900	5 720	5 460	5 220	5 080	5 760	1933
1934	4 780	4 890	5 190	5 750	5 840	5 720	5 530	5 280	5 090	4 960	4 800	4 820	5 220	1934
1935	4 690	4 770	5 020	5 300	5 490	5 640	5 720	5 580	5 330	5 170	4 990	4 950	5 220	1935
1936	4 780	4 360	5 090	6 180	6 310	6 160	5 980	5 660	5 520	5 480	5 460	5 280	5 520	1936
1937	5 600	5 850	5 930	6 140	6 590	6 700	6 710	6 550	6 300	6 060	6 070	5 950	6 210	1937
1938	5 550	5 700	5 880	6 600	6 660	5 610	6 490	6 500	6 240	6 050	5 990	5 840	6 180	1938
1939	5 590	5 180	5 560	6 520	6 780	6 720	6 630	6 510	6 180	6 010	5 730	5 600	6 090	1939
1940	5 340	5 210	5 230	5 940	6 400	6 640	6 620	6 450	6 250	6 020	5 960	5 970	6 000	1940
1941	6 080	5 720	5 740	6 450	6 410	6 250	6 130	5 960	5 800	5 640	5 640	5 500	5 940	1941
1942	5 460	5 320	5 780	6 350	6 570	6 720	6 670	6 580	6 410	6 260	6 270	6 270	6 230	1942
1943	5 930	6 230	6 390	7 270	7 770	8 270	8 140	7 950	7 660	7 260	7 260	7 080	7 280	1943
1944	6 630	6 430	6 480	6 840	7 250	7 350	7 360	7 140	6 890	6 620	6 290	6 300	6 800	1944

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ST. LAWRENCE RIVER AT IROQUOIS - STATION NO. 02MB005 (CONTINUED)

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1945	5 510	5 870	6 570	7 250	7 560	7 730	7 680	7 570	7 330	7 590	7 440	7 500	7 140	1945
1946	7 360	6 770	7 230	7 440	7 300	7 360	7 240	7 090	6 830	6 680	6 700	6 570	7 050	1946
1947	6 430	6 560	6 580	7 270	7 680	8 340	8 380	8 200	7 900	7 490	7 220	7 070	7 430	1947
1948	6 340	6 420	6 800	7 750	7 970	8 040	7 860	7 620	7 220	6 920	6 830	6 640	7 190	1948
1949	6 590	6 720	6 990	7 200	7 220	7 060	6 810	6 500	6 330	6 110	5 880	5 900	6 610	1949
1950	6 220	6 350	6 550	7 330	7 430	7 440	7 290	7 060	6 810	6 660	6 630	6 800	6 880	1950
1951	6 880	6 520	7 420	8 050	8 340	8 270	8 260	7 870	7 630	7 280	7 130	7 170	7 570	1951
1952	7 290	7 510	7 800	8 320	8 560	8 630	8 400	8 060	7 760	7 490	7 110	7 190	7 840	1952
1953	7 190	7 260	7 340	7 890	7 910	8 010	7 800	7 540	7 340	6 930	6 720	6 770	7 370	1953
1954	6 450	6 570	7 200	7 580	7 990	7 910	7 660	7 380	7 180	7 170	7 190	7 250	7 300	1954
1955	7 360	6 970	7 560	8 180	8 330	8 140	7 800	7 510	7 260	7 200	7 300	7 050	7 560	1955
1956	6 790	6 640	6 740	7 270	7 820	7 840	7 750	7 510	7 150	7 000	6 790	6 680	7 190	1956
1957	6 520	6 480	6 640	6 840	6 940	7 000	7 020	6 840	6 630	6 350	6 170	6 070	6 630	1957
1958	6 200	5 990	6 040	6 510	6 490	6 500	6 690	6 270	6 070	6 100	5 860	5 920	6 220	1958
MEAN	6 260	6 180	6 480	7 050	7 300	7 390	7 350	7 140	6 900	6 690	6 560	6 500	6 820	MEAN

LOCATION - LAT 44 50 26 N DRAINAGE AREA, 772 000 km²
LONG 075 18 35 W REGULATED

REMARKS - ONLY MONTHLY MEANS AVAILABLE PRIOR TO OCT 1917

ST. LAWRENCE RIVER AT IROQUOIS - STATION NO. 02MB005

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1860	---	---	---	---	1860
1861	---	---	---	---	1861
1862	---	---	---	250 000 000	1862
1863	---	---	---	249 000 000	1863
1864	---	---	---	243 000 000	1864
				240 000 000	
1865	---	---	---	233 000 000	1865
1866	---	---	---	224 000 000	1866
1867	---	---	---	238 000 000	1867
1868	---	---	---	215 000 000	1868
1869	---	---	---	229 000 000	1869
1870	---	---	---	249 000 000	1870
1871	---	---	---	226 000 000	1871
1872	---	---	---	198 000 000	1872
1873	---	---	---	218 000 000	1873
1874	---	---	---	232 000 000	1874
1875	---	---	---	203 000 000	1875
1876	---	---	---	244 000 000	1876
1877	---	---	---	219 000 000	1877
1878	---	---	---	191 000 000	1878
1879	---	---	---	225 000 000	1879
1880	---	---	---	219 000 000	1880
1881	---	---	---	207 000 000	1881
1882	---	---	---	232 000 000	1882
1883	---	---	---	228 000 000	1883
1884	---	---	---	239 000 000	1884
1885	---	---	---	229 000 000	1885
1886	---	---	---	247 000 000	1886
1887	---	---	---	237 000 000	1887
1888	---	---	---	214 000 000	1888
1889	---	---	---	220 000 000	1889
1890	---	---	---	239 000 000	1890
1891	---	---	---	223 000 000	1891
1892	---	---	---	207 000 000	1892
1893	---	---	---	217 000 000	1893
1894	---	---	---	213 000 000	1894
1895	---	---	---	186 000 000	1895
1896	---	---	---	193 000 000	1896
1897	---	---	---	196 000 000	1897
1898	---	---	---	205 000 000	1898
1899	---	---	---	202 000 000	1899
1900	---	---	---	203 000 000	1900
1901	---	---	---	201 000 000	1901
1902	---	---	---	206 000 000	1902
1903	---	---	---	217 000 000	1903
1904	---	---	---	221 000 000	1904
1905	---	---	---	213 000 000	1905
1906	---	---	---	213 000 000	1906
1907	---	---	---	221 000 000	1907
1908	---	---	---	232 000 000	1908
1909	---	---	---	213 000 000	1909
1910	---	---	---	205 000 000	1910
1911	---	---	---	194 000 000	1911
1912	---	---	---	212 000 000	1912
1913	---	---	---	230 000 000	1913
1914	---	---	---	211 000 000	1914
1915	---	---	---	196 000 000	1915
1916	---	---	---	218 000 000	1916
1917	---	---	---	219 000 000	1917
1918	---	---	---	218 000 000	1918
1919	---	7 620 ON APR 22 7 960 ON MAY 29	5 800 ON FEB 06 6 260 ON NOV 26	225 000 000	1919
1920	---	6 850 ON DEC 23	5 270 ON FEB 01	199 000 000	1920
1921	---	7 250 ON MAY 15	5 550 ON NOV 02	207 000 000	1921
1922	---	7 390 ON JUL 08	4 730 ON DEC 28	205 000 000	1922
1923	---	6 910 ON JUN 27	4 980 ON JAN 07	191 000 000	1923
1924	---	7 190 ON MAY 19	5 350 ON FEB 05	201 000 000	1924
1925	---	6 710 ON MAY 02	4 730 ON JAN 12	189 000 000	1925
1926	---	6 850 ON DEC 14	4 700 ON FEB 02	190 000 000	1926
1927	---	7 140 ON DEC 08	5 010 ON FEB 20	202 000 000	1927
1928	---	7 450 ON JAN 20	6 030 ON MAR 09	216 000 000	1928
1929	---	8 380 ON MAY 16	5 830 ON JAN 15	232 000 000	1929
1930	---	8 130 ON APR 22	6 090 ON DEC 27	231 000 000	1930
1931	---	6 480 ON JUN 08	5 210 ON DEC 20	187 000 000	1931
1932	---	6 970 ON MAY 17	5 100 ON JAN 01	197 000 000	1932
1933	---	6 510 ON JUN 12	4 250 ON DEC 29	182 000 000	1933
1934	---	6 060 ON APR 26	4 110 ON JAN 30	165 000 000	1934
1935	---	5 830 ON JUN 23	4 300 ON JAN 13	165 000 000	1935
1936	---	6 460 ON APR 17	5 940 ON FEB 07 *	175 000 000	1936
1937	---	6 990 ON JUL 27	5 100 ON JAN 02	198 000 000	1937
1938	---	7 080 ON SEP 22	5 040 ON MAR 04	195 000 000	1938
1939	---	6 970 ON MAY 30	4 700 ON FEB 19	192 000 000	1939
1940	---	6 800 ON JUN 29	4 700 ON JAN 18	190 000 000	1940
1941	---	6 880 ON APR 21	4 960 ON FEB 10	187 000 000	1941
1942	---	6 970 ON DEC 02	4 960 ON JAN 26	196 000 000	1942
1943	---	8 410 ON JUN 18	5 100 ON JAN 21	229 000 000	1943
1944	---	7 500 ON JUN 07	5 520 ON DEC 12	215 000 000	1944
1945	---	8 040 ON MAY 23	4 530 ON JAN 16	225 000 000	1945
1946	---	7 670 ON JAN 13	5 780 ON DEC 28	222 000 000	1946
1947	---	8 580 ON JUN 15	6 090 ON JAN 23	234 000 000	1947
1948	---	8 160 ON MAY 08	5 010 ON JAN 30	227 000 000	1948
1949	---	7 360 ON APR 21	5 490 ON NOV 12	208 000 000	1949
1950	---	7 840 ON MAY 06	5 780 ON JAN 24	217 000 000	1950
1951	---	8 470 ON MAY 14	5 690 ON FEB 02	239 000 000	1951
1952	---	8 920 ON MAY 13	6 710 ON NOV 22	248 000 000	1952
1953	---	8 210 ON JUN 09	5 950 ON NOV 07	233 000 000	1953
1954	---	8 180 ON MAY 17	6 120 ON JAN 27	230 000 000	1954

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ST. LAWRENCE RIVER AT IROQUOIS - STATION NO. 02MB005 (CONTINUED)

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE	MAXIMUM DAILY DISCHARGE	MINIMUM DAILY DISCHARGE	TOTAL DISCHARGE	YEAR
1955	---	8 470 CMS MAY 05	6 770 CMS OCT 05	238 000 000	1955
1956	---	8 160 CMS JUN 01	6 260 CMS DEC 22	227 000 000	1956
1957	---	7 560 CMS JUN 29	5 920 CMS DEC 04	209 000 000	1957
1958	---	9 170 CMS JUL 02 *	5 410 CMS NOV 01	196 000 000	1958
				215 000 000	MEAN

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

ST. MARYS RIVER AT SAULT STE. MARIE - STATION NO. 02CA001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1860	1 870	1 870	2 010	2 070	2 320	2 440	2 490	2 460	2 440	2 460	2 350	2 210	2 250	1860
1861	1 900	1 870	1 870	1 870	2 380	2 520	2 630	2 550	2 580	2 520	2 440	2 240	2 280	1861
1862	2 070	1 840	1 780	1 760	2 100	2 150	2 180	2 290	2 320	2 320	2 210	2 100	2 100	1862
1863	1 870	1 780	1 700	1 640	1 780	1 810	1 900	2 010	2 100	2 100	2 150	1 980	1 900	1863
1864	1 730	1 670	1 590	1 560	1 840	1 870	1 930	1 980	2 010	1 930	1 780	1 810	1 810	1864
1865	1 590	1 420	1 420	1 610	2 010	2 180	2 320	2 320	2 290	2 270	2 010	1 900	1 950	1865
1866	1 530	1 360	1 440	1 670	1 900	2 040	2 120	2 180	2 180	2 210	2 150	1 870	1 890	1866
1867	1 610	1 730	1 780	1 810	2 100	2 040	2 270	2 350	2 320	2 180	2 070	1 930	2 020	1867
1868	1 730	1 440	1 700	1 900	1 900	1 980	2 120	2 150	2 180	2 040	2 100	2 100	1 950	1868
1869	1 730	1 610	1 420	1 670	1 980	2 010	2 290	2 550	2 800	2 780	2 550	2 070	2 120	1869
1870	1 840	1 730	1 730	1 780	1 980	2 410	2 490	2 490	2 580	2 490	2 440	2 290	2 190	1870
1871	2 070	1 980	1 840	1 900	2 240	2 460	2 580	2 520	2 550	2 440	2 290	2 070	2 250	1871
1872	1 950	1 900	1 760	1 760	2 240	2 350	2 580	2 780	2 800	2 720	2 630	2 350	2 320	1872
1873	2 120	2 040	2 070	2 070	2 380	2 460	2 720	2 890	2 920	2 830	2 690	2 580	2 480	1873
1874	2 240	2 150	2 100	2 010	2 270	2 490	2 750	2 780	2 750	2 830	2 690	2 630	2 480	1874
1875	2 380	2 240	2 210	2 350	2 520	2 720	2 780	2 780	2 940	2 860	2 690	2 350	2 570	1875
1876	2 320	2 290	2 150	2 180	2 610	2 970	3 260	3 280	3 310	3 110	2 920	2 630	2 750	1876
1877	2 440	2 460	2 410	2 320	2 320	2 460	2 660	2 720	2 580	2 610	2 460	2 380	2 490	1877
1878	2 240	2 100	2 040	2 040	2 180	2 320	2 410	2 380	2 210	2 270	2 210	2 100	2 210	1878
1879	1 900	1 670	1 560	1 610	1 810	1 870	2 040	2 070	2 010	2 040	1 930	1 730	1 850	1879
1880	1 610	1 610	1 560	1 560	1 950	2 380	2 520	2 440	2 550	2 410	2 440	2 270	2 110	1880
1881	2 100	2 040	2 040	1 980	2 210	2 350	2 460	2 440	2 520	2 800	2 750	2 550	2 360	1881
1882	2 240	2 120	2 070	2 070	2 270	2 320	2 520	2 580	2 550	2 490	2 460	2 290	2 330	1882
1883	2 070	2 010	2 010	2 040	2 040	2 240	2 350	2 610	2 410	2 320	2 240	2 100	2 200	1883
1884	2 040	1 950	1 900	1 810	2 010	2 070	2 180	2 210	2 240	2 290	2 320	2 210	2 100	1884
1885	2 120	2 040	1 980	1 870	2 210	2 380	2 490	2 610	2 460	2 380	2 320	2 180	2 260	1885
1886	1 900	1 900	1 900	1 900	2 100	2 210	2 290	2 380	2 290	2 320	2 210	2 070	2 130	1886
1887	1 950	1 870	1 870	1 780	1 980	2 180	2 380	2 320	2 240	2 320	2 180	1 980	2 090	1887
1888	1 870	1 700	1 700	1 670	1 980	2 410	2 460	2 460	2 440	2 410	2 290	2 120	2 130	1888
1889	1 900	1 840	1 840	1 840	2 120	2 210	2 350	2 380	2 350	2 270	2 120	1 930	2 100	1889
1890	1 950	1 670	1 670	1 640	1 840	2 150	2 350	2 290	2 240	2 210	2 120	1 980	2 010	1890
1891	1 640	1 700	1 610	1 730	1 900	1 870	1 930	1 930	1 900	1 930	1 870	1 780	1 820	1891
1892	1 730	1 560	1 470	1 530	1 760	1 900	1 950	1 950	1 950	1 900	1 760	1 610	1 760	1892
1893	1 560	1 470	1 470	1 590	1 780	2 010	2 100	2 150	2 100	2 070	2 040	1 810	1 850	1893
1894	1 760	1 700	1 670	1 810	2 210	2 320	2 380	2 380	2 320	2 350	2 290	2 180	2 120	1894
1895	2 070	2 010	1 930	1 930	2 040	2 210	2 320	2 320	2 410	2 460	2 240	2 180	2 180	1895
1896	1 980	1 980	1 870	1 930	2 210	2 410	2 460	2 460	2 440	2 270	2 290	2 180	2 210	1896
1897	2 100	1 950	1 950	1 980	2 180	2 350	2 490	2 520	2 460	2 380	2 350	2 120	2 240	1897
1898	1 900	1 780	1 730	1 780	1 950	2 150	2 270	2 320	2 320	2 290	2 240	2 210	2 080	1898
1899	1 950	1 900	1 900	1 840	2 290	2 460	2 580	2 630	2 750	2 610	2 520	2 440	2 330	1899
1900	2 240	2 180	2 070	2 070	2 180	2 210	2 320	2 440	2 610	2 660	2 660	2 380	2 340	1900
1901	2 270	2 120	1 950	1 980	2 150	2 240	2 440	2 440	2 290	2 290	2 210	2 040	2 200	1901
1902	1 870	1 760	1 610	1 730	1 840	1 950	2 100	2 120	2 180	2 100	2 120	1 950	1 950	1902
1903	1 810	1 730	1 700	1 760	1 980	2 180	2 240	2 290	2 270	2 290	2 270	2 070	2 050	1903
1904	2 040	1 930	1 930	1 980	2 150	2 320	2 380	2 440	2 460	2 550	2 460	2 290	2 250	1904
1905	2 210	2 010	1 900	2 100	2 240	2 320	2 460	2 460	2 520	2 630	2 490	2 380	2 310	1905
1906	2 320	2 150	2 100	2 150	2 290	2 440	2 490	2 520	2 490	2 440	2 380	2 240	2 340	1906
1907	2 100	2 010	1 900	1 980	2 040	2 210	2 350	2 490	2 580	2 460	2 410	2 320	2 240	1907
1908	2 120	1 980	1 840	1 760	1 900	2 210	2 440	2 490	2 410	2 320	2 240	2 100	2 150	1908
1909	1 900	1 730	1 530	1 500	1 590	1 780	1 950	2 150	2 150	2 150	1 950	2 100	1 870	1909
1910	1 900	1 780	1 610	1 560	1 610	1 810	1 870	1 980	1 950	1 930	1 870	1 640	1 790	1910
1911	1 560	1 420	1 330	1 360	1 470	1 590	1 640	1 780	1 760	1 760	1 700	1 640	1 590	1911
1912	1 610	1 530	1 500	1 530	1 700	1 810	1 810	1 950	1 980	2 010	1 950	1 840	1 770	1912
1913	1 760	1 700	1 640	1 730	1 930	1 980	2 070	2 120	2 150	2 240	2 210	2 120	1 970	1913
1914	1 980	1 950	1 840	1 810	1 980	2 070	2 120	2 150	2 270	2 460	2 410	1 950	2 080	1914
1915	1 900	1 900	1 870	1 810	1 980	2 010	2 120	2 150	2 120	2 120	2 150	2 070	2 020	1915
1916	2 010	1 980	1 950	2 100	2 350	2 780	2 780	2 940	3 260	3 370	3 230	3 060	2 650	1916
1917	2 520	2 440	2 380	2 490	2 550	2 580	2 520	2 270	2 350	2 410	2 320	1 840	2 390	1917
1918	1 870	1 810	1 840	1 810	1 870	2 040	1 760	1 870	2 100	2 150	1 980	1 640	1 890	1918
1919	1 640	1 590	1 590	1 590	1 640	1 590	1 610	1 560	1 670	1 640	1 670	1 670	1 620	1919
1920	1 700	1 670	1 640	1 640	2 320	2 410	2 520	2 800	2 440	1 930	1 730	1 640	2 040	1920
1921	1 590	1 610	1 530	1 590	1 440	1 390	1 640	1 730	1 730	1 700	1 440	1 360	1 560	1921
1922	1 250	1 270	1 300	1 300	1 330	1 220	1 270	1 330	1 300	1 390	1 440	1 440	1 320	1922
1923	1 420	1 440	1 530	1 500	1 700	1 590	1 560	1 560	1 530	1 500	1 470	1 500	1 530	1923
1924	1 530	1 500	1 530	1 590	1 590	1 500	1 390	1 500	1 470	1 470	1 530	1 500	1 510	1924
1925	1 560	1 530	1 560	1 670	1 700	1 560	1 500	1 670	2 100	2 180	2 100	1 930	1 760	1925
1926	1 670	1 610	1 590	1 640	1 700	1 610	1 590	1 270	1 190	1 250	1 390	1 670	1 510	1926
1927	2 040	2 040	2 010	2 100	2 150	2 210	2 150	2 290	2 240	2 180	2 320	2 120	2 150	1927
1928	2 120	2 120	2 070	2 180	2 240	2 100	1 950	2 350	2 860	3 140	3 310	2 920	2 450	1928
1929	1 950	1 560	1 730	2 860	2 780	2 150	2 580	2 150	2 100	1 700	1 640	1 590	2 070	1929
1930	1 560	1 560	1 640	1 610	1 640	1 730	2 180	2 610	2 290	1 670	1 590	1 470	1 800	1930
1931	1 390	1 440	1 390	1 440	1 250	1 300	1 390	1 330	1 560	1 590	1 610	1 500	1 430	1931
1932	1 500	1 640	1 640	1 610	1 610	1 560	1 700	1 730	2 240	2 040	1 950	1 560	1 730	1932
1933	1 390	1 330	1 420	1 360	1 500	1 590	1 950	1 840	1 730	1 840	2 120	1 530	1 640	1933
1934	1 640	1 700	1 730	1 670	1 640	2 070	2 660	2 860	2 610	2 210	2 410	2 780	2 170	1934
1935	1 980	1 760	2 150	2 720	2 800	2 520	2 660	2 690	2 800	3 110	2 940	1 930	2 510	1935
1936	1 840	1 840	1 840	1 840	2 350	2 460	2 410	2 440	2 380	2 180	2 180	1 870	2 140	1936
1937	1 810	1 810	1 810	1 840	1 760	2 150	2 040	2 040	2 070	2 070	2 040	1 810	1 940	1937
1938	1 760	1 760	1 700	1 700	2 290	3 310	3 570	3 510	3 450	3 340	2 750	1 730	2 580	1938
1939	1 760	1 780	1 780	2 100	2 860	2 940	3 280	3 570	3 510	3 170	2 150	1 870	2 570	1939
1940	1 810	1 840	1 530	1 500	1 590	1 610	1 730	1 760	1 730	1 730	1 730	1 700	1 690	1940
1941	1 760	1 760	1 730	1 700	1 700	1 700	1 610	1 700	1 730	2 180	3 060	2 380	1 920	1941
1942	2 350	1 900	1 670	2 520	1 900	2 290	2 610	2 240	2 240	1 950	1 590	1 670	2 080	1942
1943	1 700	1 810	2 120	2 290	2 550	3 110	3 480	3 600	3 540	3 230	2 800	2 120	2 700	1943
1944	1 930	1 640	1 640	1 670	1 730	1 730	2 270	2 830	3 090	3 260	2 890	2 350	2 250	1944

CONTINUED

ST. MARYS RIVER AT SAULT STE. MARIE - STATION NO. 02CA001 (CONTINUED)

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1945	2 120	2 100	2 100	2 440	3 060	3 000	2 150	2 100	2 070	2 290	2 660	2 120	2 350	1945
1946	2 100	2 100	2 070	1 930	2 180	2 100	2 180	2 120	2 180	2 240	2 180	2 150	2 130	1946
1947	2 120	2 120	2 070	2 070	2 150	2 210	2 310	2 120	2 180	2 240	2 180	2 150	2 120	1947
1948	2 150	2 120	2 100	2 120	2 100	1 940	1 840	1 780	1 890	3 230	2 380	2 210	2 120	1948
1949	1 610	1 610	1 610	1 670	1 780	1 780	1 730	1 870	2 040	2 040	2 040	1 900	1 810	1949
1950	1 780	1 870	1 870	1 870	1 950	2 970	3 510	3 600	3 570	3 510	3 430	3 200	2 770	1950
1951	2 320	2 270	2 270	2 940	3 450	3 480	3 510	3 480	3 510	3 510	3 430	2 920	3 090	1951
1952	2 380	2 320	2 250	2 320	3 030	2 240	1 900	3 310	3 310	3 230	3 030	2 120	2 620	1952
1953	2 100	2 040	1 980	2 210	2 630	2 780	3 030	3 400	3 370	3 230	2 860	2 270	2 660	1953
1954	2 100	2 040	2 040	2 010	2 150	2 180	2 830	3 280	3 200	2 720	2 150	1 840	2 380	1954
1955	1 760	1 760	1 730	1 700	2 040	2 120	1 980	1 870	1 160	1 420	2 350	2 180	1 840	1955
1956	2 100	2 100	2 070	2 150	1 950	1 730	1 760	2 040	2 040	2 070	1 980	1 950	1 990	1956
1957	1 900	1 870	1 610	1 610	1 470	1 530	1 530	1 810	1 900	1 900	1 870	1 840	1 740	1957
1958	2 010	2 010	1 950	1 730	1 760	1 760	1 610	1 590	1 610	1 870	1 950	1 870	1 810	1958
1959	1 870	1 900	1 840	1 980	1 980	1 950	1 900	1 950	2 120	3 170	3 340	2 520	2 210	1959
1960	2 100	2 040	1 950	1 870	1 930	3 140	3 260	2 970	2 920	2 610	2 070	1 930	2 400	1960
1961	1 900	1 900	1 870	1 870	1 930	1 950	1 840	1 610	1 610	1 640	1 840	1 840	1 820	1961
1962	1 810	1 840	1 810	1 780	1 700	1 700	1 780	1 730	1 590	1 810	1 930	1 840	1 780	1962
1963	1 780	1 840	1 700	1 610	1 730	1 730	1 780	1 760	2 040	1 810	1 900	1 590	1 770	1963
1964	1 670	1 900	1 930	1 930	1 980	2 040	2 290	2 830	3 030	3 140	3 280	2 630	2 390	1964
1965	2 440	2 380	2 350	2 320	2 660	2 800	3 200	3 230	3 060	2 890	2 890	2 410	2 720	1965
1966	2 180	2 180	2 180	2 290	2 270	2 240	2 720	2 720	2 940	2 580	2 270	2 120	2 390	1966
1967	2 010	2 040	2 010	2 010	2 410	2 550	2 550	2 610	2 460	2 010	2 040	1 980	2 220	1967
1968	1 950	1 950	1 900	1 950	1 980	1 980	2 830	3 450	3 480	3 510	3 480	2 970	2 620	1968
1969	2 360	2 610	2 690	2 920	3 260	3 280	3 280	3 310	2 970	1 940	1 910	1 930	2 710	1969
1970	1 920	2 340	1 970	1 810	1 820	1 840	1 840	2 720	2 240	1 830	2 450	2 860	2 140	1970
1971	2 520	2 350	2 380	2 700	3 060	3 200	3 230	3 000	3 060	3 200	3 170	2 810	2 900	1971
1972	2 290	2 070	2 120	2 130	3 140	3 480	3 230	3 230	3 260	3 140	3 280	2 440	2 800	1972
1973	2 120	1 610	1 500	1 560	1 560	1 590	2 270	2 750	3 340	2 630	2 380	2 410	2 150	1973
1974	2 160	2 120	2 130	2 130	2 070	2 410	2 140	2 140	2 110	2 070	2 390	2 740	2 220	1974
1975	2 460	2 420	2 440	2 620	2 770	2 510	2 380	2 280	2 090	1 880	1 940	1 980	2 310	1975
1976	1 970	1 940	1 950	2 020	2 380	2 310	2 260	2 040	1 920	1 810	1 610	1 680	1 990	1976
1977	1 740	1 710	1 730	1 750	1 720	1 740	1 520	1 690	1 870	2 770	3 140	2 550	2 000	1977
1978	2 200	2 190	2 150	2 160	2 320	2 400	2 450	2 630	2 760	2 800	2 740	2 110	2 410	1978
1979	1 910	1 900	1 910	1 890	2 320	2 750	3 160	3 230	3 200	2 750	2 600	2 300	2 500	1979
1980	2 110	2 140	2 110	2 140	2 400	2 270	2 190	2 110	2 040	2 330	2 350	1 910	2 170	1980
1981	1 890	1 910	1 890	2 130	2 490	2 720	2 900	2 750	2 300	1 360	1 250	1 310	2 080	1981
1982	1 290	1 290	1 290	1 310	1 730	2 100	2 220	2 390	2 400	2 530	2 840	2 800	2 020	1982
1983	2 300	2 320	2 460	2 440	2 930	2 950	2 920	2 990	2 370	1 710	2 390	2 370	2 510	1983
1984	2 300	2 140	2 290	2 300	2 790	2 820	3 020	3 110	2 930	2 110	1 620	1 940	2 450	1984
1985	1 990	1 990	2 000	1 990	1 990	1 920	1 890	2 320	2 890	3 460	3 750	2 900	2 430	1985
1986	2 420	2 430	2 400	2 300	3 000	3 230	3 150	3 270	3 060	2 440	1 650	1 970	2 610	1986
1987	2 000	1 990	2 000	2 000	2 410	2 190	1 600	1 570	1 570	1 680	1 570	1 570	1 840	1987
1988	1 790	1 800	1 790	1 790	1 980	1 920	1 580	1 580	1 980	1 910	1 580	2 270	1 890	1988
1989	2 250	2 260	2 190	2 220	2 630	2 660	2 660	2 600	2 400	2 030	1 910	1 900	2 310	1989
1990	1 900	1 900	1 900	1 890	2 040	1 600	1 860	1 830	1 850	1 680	1 870	1 720	1 840	1990
MEAN	1 940	1 890	1 860	1 920	2 110	2 210	2 320	2 390	2 390	2 330	2 280	2 090	2 140	MEAN

LOCATION - LAT 46 30 34 N DRAINAGE AREA, 210 000 km²
LONG 084 21 42 W REGULATED

REMARKS - DAILY DISCHARGES NOT AVAILABLE

ST. MARYS RIVER AT SAULT STE. MARIE - STATION NO. 02CA001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1860	---	---	---	71 200 000	1860
1861	---	---	---	72 000 000	1861
1862	---	---	---	66 100 000	1862
1863	---	---	---	60 000 000	1863
1864	---	---	---	57 200 000	1864
1865	---	---	---	61 400 000	1865
1866	---	---	---	59 600 000	1866
1867	---	---	---	63 600 000	1867
1868	---	---	---	61 600 000	1868
1869	---	---	---	67 000 000	1869
1870	---	---	---	69 000 000	1870
1871	---	---	---	70 800 000	1871
1872	---	---	---	73 400 000	1872
1873	---	---	---	78 400 000	1873
1874	---	---	---	78 100 000	1874
1875	---	---	---	81 000 000	1875
1876	---	---	---	87 300 000	1876
1877	---	---	---	78 400 000	1877
1878	---	---	---	69 600 000	1878
1879	---	---	---	58 500 000	1879
1880	---	---	---	66 700 000	1880
1881	---	---	---	74 300 000	1881
1882	---	---	---	73 600 000	1882
1883	---	---	---	69 600 000	1883
1884	---	---	---	66 500 000	1884
1885	---	---	---	71 100 000	1885
1886	---	---	---	67 200 000	1886
1887	---	---	---	65 900 000	1887
1888	---	---	---	67 300 000	1888
1889	---	---	---	66 400 000	1889
1890	---	---	---	63 400 000	1890
1891	---	---	---	57 300 000	1891
1892	---	---	---	55 600 000	1892
1893	---	---	---	58 300 000	1893
1894	---	---	---	66 800 000	1894
1895	---	---	---	68 700 000	1895
1896	---	---	---	69 800 000	1896
1897	---	---	---	70 600 000	1897
1898	---	---	---	65 600 000	1898
1899	---	---	---	73 400 000	1899
1900	---	---	---	73 700 000	1900
1901	---	---	---	69 500 000	1901
1902	---	---	---	61 300 000	1902
1903	---	---	---	64 700 000	1903
1904	---	---	---	71 000 000	1904
1905	---	---	---	72 900 000	1905
1906	---	---	---	73 600 000	1906
1907	---	---	---	70 600 000	1907
1908	---	---	---	68 100 000	1908
1909	---	---	---	59 100 000	1909
1910	---	---	---	56 500 000	1910
1911	---	---	---	50 000 000	1911
1912	---	---	---	55 900 000	1912
1913	---	---	---	62 200 000	1913
1914	---	---	---	65 700 000	1914
1915	---	---	---	63 600 000	1915
1916	---	---	---	83 900 000	1916
1917	---	---	---	75 300 000	1917
1918	---	---	---	59 800 000	1918
1919	---	---	---	51 100 000	1919
1920	---	---	---	64 500 000	1920
1921	---	---	---	49 200 000	1921
1922	---	---	---	41 600 000	1922
1923	---	---	---	48 100 000	1923
1924	---	---	---	47 700 000	1924
1925	---	---	---	55 400 000	1925
1926	---	---	---	47 800 000	1926
1927	---	---	---	67 900 000	1927
1928	---	---	---	77 300 000	1928
1929	---	---	---	65 200 000	1929
1930	---	---	---	56 700 000	1930
1931	---	---	---	45 200 000	1931
1932	---	---	---	54 800 000	1932
1933	---	---	---	51 600 000	1933
1934	---	---	---	68 400 000	1934
1935	---	---	---	79 100 000	1935
1936	---	---	---	67 600 000	1936
1937	---	---	---	61 100 000	1937
1938	---	---	---	81 200 000	1938
1939	---	---	---	81 000 000	1939
1940	---	---	---	53 400 000	1940
1941	---	---	---	60 500 000	1941
1942	---	---	---	65 500 000	1942
1943	---	---	---	85 200 000	1943
1944	---	---	---	71 300 000	1944
1945	---	---	---	74 100 000	1945
1946	---	---	---	67 300 000	1946
1947	---	---	---	79 600 000	1947
1948	---	---	---	60 000 000	1948
1949	---	---	---	57 000 000	1949
1950	---	---	---	87 300 000	1950
1951	---	---	---	97 600 000	1951
1952	---	---	---	82 900 000	1952
1953	---	---	---	84 000 000	1953
1954	---	---	---	75 100 000	1954

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ST. MARYS RIVER AT SAULT STE. MARIE - STATION NO. 02CA001 (CONTINUED)

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE	MAXIMUM DAILY DISCHARGE	MINIMUM DAILY DISCHARGE	TOTAL DISCHARGE	YEAR
1955	---	---	---	58 100 000	1955
1956	---	---	---	63 100 000	1956
1957	---	---	---	54 800 000	1957
1958	---	---	---	57 000 000	1958
1959	---	---	---	69 700 000	1959
1960	---	---	---	75 900 000	1960
1961	---	---	---	57 300 000	1961
1962	---	---	---	56 000 000	1962
1963	---	---	---	55 900 000	1963
1964	---	---	---	75 500 000	1964
1965	---	---	---	85 800 000	1965
1966	---	---	---	75 400 000	1966
1967	---	---	---	70 200 000	1967
1968	---	---	---	82 900 000	1968
1969	---	---	---	85 300 000	1969
1970	---	---	---	67 300 000	1970
1971	---	---	---	91 600 000	1971
1972	---	---	---	89 000 000	1972
1973	---	---	---	67 700 000	1973
1974	---	---	---	70 000 000	1974
1975	---	---	---	72 900 000	1975
1976	---	---	---	63 000 000	1976
1977	---	---	---	62 900 000	1977
1978	---	---	---	76 000 000	1978
1979	---	---	---	78 700 000	1979
1980	---	---	---	60 800 000	1980
1981	---	---	---	65 500 000	1981
1982	---	---	---	63 700 000	1982
1983	---	---	---	79 300 000	1983
1984	---	3 110 ON AUG 01	1 620 ON NOV 01	77 500 000	1984
1985	---	3 750 ON NOV 01 *	1 890 ON JUL 01	76 500 000	1985
1986	---	3 230 ON JUN 01	1 650 ON NOV 01	82 200 000	1986
1987	---	2 410 ON MAY 01	1 570 ON AUG 01 *	58 200 000	1987
1988	---	2 270 ON DEC 01	1 580 ON JUL 01	57 900 000	1988
1989	---	2 660 ON JUN 01	1 900 ON DEC 01	72 800 000	1989
1990	---	2 040 ON MAY 01	1 600 ON JUN 01	57 900 000	1990
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		67 700 000	MEAN

STEEL RIVER NEAR TERRACE BAY - STATION NO. 02BA002

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1970	3.20	2.75	2.70	6.92	60.5	29.6	17.2	7.93	5.78	26.0	39.8	16.4	18.3	1970
1971	8.30	5.36	4.21	19.8	55.5	34.1	9.66	6.39	3.96	23.8	32.7	15.0	18.3	1971
1972	7.75	4.94	4.08	6.75	55.7	19.7	11.0	12.1	17.6	22.1	12.7	6.38	15.1	1972
1973	4.32	4.07	6.32	25.4	40.8	25.3	16.1	8.48	8.20	14.6	14.4	13.2	15.1	1973
1974	6.54	4.56	3.79	7.63	49.9	37.5	20.7	13.9	13.9	17.5	15.1	9.46	16.8	1974
1975	7.72	5.43	4.29	7.50	53.4	38.5	18.4	5.88	3.57	6.08	22.0	15.3	15.7	1975
1976	6.48	4.34	3.97	40.9	55.4	23.2	17.0	6.94	3.29	2.36	1.89	2.23	14.0	1976
1977	2.37	4.24	4.10	32.2	36.2	11.1	16.5	7.76	32.7	25.4	21.7	10.5	16.9	1977
1978	6.57	3.90	4.71	3.23	28.2	29.7	12.3	5.29	3.70	4.97	3.39	2.76	8.92	1978
1979	2.38	2.21	2.41	14.0	66.1	25.7	10.0	4.22	5.45	11.6	23.8	9.79	14.9	1979
1980	6.01	4.04	2.69	12.7	50.5	13.4	6.08	4.72	15.4	19.7	17.8	7.73	13.4	1980
1981	4.33	3.36	3.76	12.2	22.7	43.2	11.4	4.03	2.06	2.41	3.11	3.03	8.14	1981
1982	2.78	2.35	1.82	4.13	74.7	23.8	10.2	8.62	6.28	27.6	29.6	24.5	18.9	1982
1983	9.76	5.95	5.63	6.78	52.7	26.3	12.1	4.13	4.79	25.9	23.1	12.8	15.8	1983
1984	6.03	7.26	5.66	24.9	49.2	47.9	23.9	11.2	5.37	8.19	16.3	19.5	18.8	1984
1985	10.1	5.13	3.80	12.2	33.1	23.8	13.1	28.6	17.4	30.9	34.7	12.8	18.9	1985
1986	6.47	4.42	3.73	24.3	43.5	13.5	13.7	8.68	9.26	11.9	17.8	10.4	14.0	1986
1987	5.59	3.32	2.69	14.1	13.2	10.9	5.82	6.19	6.32	10.2	11.9	9.90	8.35	1987
1988	5.38	3.34	2.90	18.9	42.4	19.4	9.76	13.1	21.5	29.2	33.4	11.3	17.6	1988
1989	6.03	4.91	4.48	7.09	69.4	22.3	7.44	3.33	2.12	1.82	5.57	5.01	11.7	1989
1990	3.56	2.66	3.28	18.9	48.7	21.8	17.7	6.79	5.37	21.4	22.9	11.4	15.5	1990
MEAN	5.79	4.12	3.76	15.3	47.7	24.8	13.8	8.49	9.14	16.3	19.2	10.9	15.0	MEAN

LOCATION - LAT 48 46 40 N LONG 086 53 04 W DRAINAGE AREA, 1 190 km² NATURAL FLOW

STEEL RIVER NEAR TERRACE BAY - STATION NO. 02BA002

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1970	76.7 AT 19:35 EST ON MAY 02	76.2 ON MAY 02	2.25 ON APR 14	578 000	1970
1971	92.3 AT 19:57 EST ON MAY 28	91.2 ON MAY 28	3.14 ON SEP 27	577 000	1971
1972	70.5 AT 14:10 EST ON MAY 08	70.2 ON MAY 07	3.99B ON MAR 17	478 000	1972
1973	60.0 AT 15:28 EST ON APR 24	59.7 ON APR 24	3.91B ON JAN 25	475 000	1973
1974	58.6 AT 22:17 EST ON MAY 15	58.3 ON MAY 15	3.54B ON APR 02	530 000	1974
1975	---	78.7E ON MAY 12	2.62 ON OCT 09	496 000	1975
1976	---	97.7E ON APR 25	1.70B ON DEC 02	443 000	1976
1977	79.9 AT 16:00 EST ON APR 26	78.7 ON APR 25	2.17B ON MAR 04	534 000	1977
1978	39.6 AT 13:48 EST ON JUN 04	39.4 ON JUN 04	2.42E ON APR 15	281 000	1978
1979	96.8 AT 15:45 EST ON MAY 13	96.0 ON MAY 13	2.06B ON MAR 12	469 000	1979
1980	83.2 AT 17:34 EST ON MAY 04	82.9 ON MAY 05	2.41B ON MAR 23	424 000	1980
1981	30.6 AT 23:52 EST ON JUN 28	28.2 ON JUN 29	1.63 ON OCT 03 *	257 000	1981
1982	109 AT 10:05 EST ON MAY 11 *	109 ON MAY 11 *	1.75B ON MAR 22	595 000	1982
1983	66.9 AT 10:05 EST ON MAY 17	65.7 ON MAY 17	2.28 ON SEP 06	497 000	1983
1984	72.3 AT 13:02 EST ON JUN 13	71.5 ON JUN 13	4.04 ON OCT 10	594 000	1984
1985	56.5 AT 04:28 EST ON NOV 05	55.7 ON NOV 05	3.37 ON APR 13	595 000	1985
1986	69.9 AT 11:34 EST ON APR 30	67.9 ON APR 30	3.66B ON MAR 22	442 000	1986
1987	24.4 AT 20:00 EST ON APR 23	24.1 ON APR 23	2.47B ON MAR 15	263 000	1987
1988	57.2 AT 21:39 EST ON NOV 19	55.8 ON NOV 19	2.77B ON MAR 22	525 000	1988
1989	95.8 AT 12:18 EST ON MAY 16	94.8 ON MAY 16	1.72 ON OCT 29	369 000	1989
1990	90.1 AT 14:43 EST ON APR 30	89.4 ON MAY 01	2.09B ON MAR 13	488 000	1990
				473 000	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

STOKES RIVER NEAR FERNDALE - STATION NO. 02FA002

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1976	0.666	1.25	3.83	1.38	0.508	0.041	0.175	0.053	0.117	0.125	0.281	0.469	0.742	1976
1977	0.395	0.438	5.93	2.37	0.293	0.106	0.070	0.013	0.049	0.182	0.507	2.02	1.11	1977
1978	0.774	0.334	1.00	4.24	0.784	0.176	0.037	0.014	0.149	0.672	0.769	1.27	0.851	1978
1979	1.07	0.891	5.23	2.96	0.709	0.215	0.064	0.074	0.055	0.081	0.369	1.64	1.12	1979
1980	0.833	0.213	2.37	2.38	0.484	0.495	0.336	0.167	0.169	0.359	0.291	1.06	0.765	1980
1981	0.512	5.21	2.09	1.89	0.941	0.317	0.200	0.230	0.489	0.347	0.718	0.834	1.12	1981
1982	1.12	0.291	3.92	4.09	0.320	0.137	0.063	0.078	0.173	0.273	1.03	1.77	1.11	1982
1983	1.43	1.42	3.94	2.21	0.813	0.134	0.029	0.151	0.665	1.16	1.75	1.26	1.26	1983
1984	0.799	2.50	2.60	2.27	0.504	0.340	0.140	0.267	1.72	0.919	2.44	2.65	1.42	1984
1985	1.20	2.70	5.24	4.97	0.551	0.306	0.065	0.049	0.306	0.820	2.42	1.26	1.64	1985
1986	1.02	0.435	4.79	1.69	0.719	0.403	0.092	0.034	0.056	0.460	0.373	1.26	0.952	1986
1987	0.561	0.351	2.59	1.17	0.213	0.236	0.043	0.113	0.053	1.44	2.15	2.65	0.970	1987
1988	1.49	1.72	2.80	2.32	0.345	0.095	0.027	0.038	0.053	1.03	2.82	1.99	1.23	1988
1989	1.78	0.753	4.54	2.22	0.369	0.161	0.034	0.004	0.008	0.025	0.246	0.357	0.878	1989
1990	2.22	1.09	3.20	1.06	0.876	0.156	0.052	0.010	0.017	1.22	3.12	2.41	1.29	1990
MEAN	1.06	1.31	3.47	2.48	0.735	0.266	0.102	0.078	0.238	0.575	1.25	1.61	1.10	MEAN

LOCATION - LAT 45 02 10 N
LONG 081 20 10 W
DRAINAGE AREA, 50.5 km^2
NATURAL FLOW

STOKES RIVER NEAR FERNDALE - STATION NO. 02FA002

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1976	15.8 AT 19:30 EST ON MAR 28	14.7 ON MAR 28	0.009 ON JUN 27	23 500	1976
1977	---	22.7 B ON MAR 14 *	0.007 ON JUL 28	34 900	1977
1978	10.7 AT 07:15 EST ON APR 11	9.03 ON APR 11	0.006 ON AUG 21	26 800	1978
1979	13.3 AT 10:23 EST ON APR 14	12.0 ON APR 14	0.002 ON SEP 30	35 200	1979
1980	---	10.7 B ON MAR 21	0.078 ON SEP 21	24 200	1980
1981	---	15.0 B ON FEB 19	0.079 ON AUG 02	35 200	1981
1982	---	19.0 B ON MAR 31	0.037 ON SEP 15	35 000	1982
1983	15.6 AT 00:51 EST ON MAY 08	12.9 ON MAY 08	0.004 ON SEP 14	19 800	1983
1984	16.4 AT 07:00 EST ON SEP 13	11.3 ON DEC 29	0.078 ON JUL 31	44 900	1984
1985	19.9 AT 22:30 EST ON APR 05 *	17.3 ON APR 06	0.022 ON AUG 17	51 900	1985
1986	13.9 AT 17:25 EST ON MAR 26	11.5 ON MAR 26	0.015 ON SEP 09	30 000	1986
1987	8.37 AT 11:27 EST ON NOV 03	7.48B ON MAR 08	0.005 ON AUG 01	30 600	1987
1988	15.1 AT 15:16 EST ON MAR 25	9.25 ON APR 03	0.003 ON SEP 16	38 700	1988
1989	---	17.4 ON MAR 29	0 ON SEP 30 *	27 700	1989
1990	---	12.0 B ON MAR 14	0.003 ON SEP 03	40 700	1990
				34 600	MEAN

B - ICE CONDITIONS
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

STONEY CREEK AT STONEY CREEK - STATION NO. 02HA022

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1989	0.060	0.043	0.336	0.148	0.255	0.088	0.007	0.002	0.020	0.014	0.128	0.017	0.094	1989
1990	0.467	0.615	0.493	0.234	0.202	0.009	0.009	0.018	0.014	0.069	0.090	0.585	0.232	1990
MEAN	0.264	0.329	0.415	0.191	0.229	0.049	0.008	0.010	0.017	0.042	0.109	0.301	0.163	MEAN

LOCATION - LAT 43 13 31 N
LONG 079 45 05 W
DRAINAGE AREA, 20 km^2
NATURAL FLOW

STONEY CREEK AT STONEY CREEK - STATION NO. 02HA022

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1989	5.66 AT 12:14 EST ON MAY 12 *	3.82 ON MAY 12	0 ON AUG 10 *	2 950	1989
1990	---	4.62B ON DEC 30 *	0 ON JUL 26	7 320	1990
	B - ICE CONDITIONS	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		5 140	MEAN

STOUFFVILLE CREEK BELOW STOUFFVILLE - STATION NO. 02HC035

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1974	---	---	---	0.321	0.342	0.106	0.132	0.112	0.093	0.090	0.142	0.098	---	1974
1975	0.123	0.182	0.278	0.267	0.111	0.087	0.060	0.057	0.071	0.078	0.096	0.114	0.127	1975
1976	0.102	0.193	0.393	0.168	0.152	0.096	0.165	0.115	0.082	0.121	0.106	0.090	0.149	1976
1977	0.076	0.083	0.329	0.169	0.084	0.056	0.105	0.110	0.184	0.257	0.232	0.280	0.162	1977
1978	0.147	0.137	0.229	0.619	0.272	0.099	0.078	0.110	0.139	0.247	0.130	0.129	0.186	1978
1979	0.114	0.082	0.496	0.294	0.158	0.091	0.080	0.079	0.086	0.140	0.196	0.240	0.172	1979
1980	0.159	0.063	0.341	0.407	0.132	0.087	0.128	0.094	0.100	0.135	0.137	0.183	0.164	1980
1981	0.089	0.535	0.139	0.126	0.136	0.093	0.081	0.136	0.141	0.217	0.226	0.117	0.167	1981
1982	0.111	0.106	0.376	0.420	---	---	---	---	---	---	---	---	---	1982
MEAN	0.115	0.173	0.323	0.310	0.173	0.089	0.104	0.102	0.112	0.143	0.159	0.156	0.161	MEAN

LOCATION - LAT 43 57 19 N LONG 079 13 57 W DRAINAGE AREA, 15.3 km^2 REGULATED

STOUFFVILLE CREEK BELOW STOUFFVILLE - STATION NO. 02HC035

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1974	---	---	---	---	1974
1975	1.07 AT 03:21 EST ON FEB 25	1.29 ON APR 19	0.037 ON AUG 16 *	3 990	1975
1976	2.35 AT 15:19 EST ON JUL 29	1.53E ON MAR 21	0.057 ON SEP 06	4 700	1976
1977	---	1.23E ON MAR 13	0.040 ON JUN 23	5 110	1977
1978	2.46 AT 13:53 EST ON MAY 14	2.02 ON APR 07	0.059 ON JUN 30	5 860	1978
1979	1.99 AT 20:47 EST ON OCT 20	1.29 ON DEC 25	0.055 ON AUG 16	5 430	1979
1980	3.26 AT 15:49 EST ON MAR 21	2.41 ON MAR 21	0.041 ON MAY 30	5 190	1980
1981	2.99 AT 14:48 EST ON FEB 20	2.39 ON FEB 20	0.057 ON JUL 23	5 270	1981
1982	3.69 AT 15:19 EST ON MAR 31 *	2.67 ON MAR 31 *	---	---	1982
	E - ESTIMATED	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		5 080	MEAN

STURGEON CREEK NEAR LEAMINGTON - STATION NO. 02GH001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1971	---	---	---	---	---	0.045	0.001	0.001	0.003	0.016	0.023	0.076	---	1971
1972	0.084	0.067	0.264	0.232	0.079	0.025	0.061	0.050	0.053	0.104	0.312	0.314	0.137	1972
1973	0.192	0.134	0.662	0.107	0.110	0.290	0.077	0.054	0.029	0.039	0.124	0.172	0.166	1973
1974	0.347	0.242	0.428	0.183	0.178	0.042	0.018	0.020	0.023	0.046	0.086	0.205	0.151	1974
1975	0.333	0.349	0.261	0.108	0.070	0.080	0.016	0.218	0.166	0.063	0.065	0.154	0.156	1975
1976	0.190	1.06	0.501	0.149	0.091	0.057	0.048	0.015	0.037	0.044	0.045	0.029	0.185	1976
1977	0.013	0.071	0.572	0.461	0.101	0.071	0.037	0.045	0.136	0.088	0.111	0.395	0.177	1977
1978	0.090	0.021	0.636	0.388	0.132	0.084	0.043	0.039	0.053	0.068	0.096	0.112	0.149	1978
1979	0.109	0.102	0.381	0.878	0.259	0.077	0.076	0.039	0.036	0.089	0.195	0.325	0.214	1979
1980	0.109	---	---	---	---	---	---	---	---	---	---	---	---	1980
1982	0.211	0.110	1.71	0.294	0.069	0.060	0.064	0.056	0.128	0.059	0.592	0.628	0.334	1982
1983	0.108	0.173	0.118	0.236	0.281	0.163	0.176	0.078	0.058	0.091	0.267	0.407	0.182	1983
1984	0.055	0.272	0.399	0.178	0.299	0.080	0.017	0.049	0.074	0.044	0.110	0.151	0.144	1984
1985	0.261	0.471	0.500	0.211	0.062	0.069	0.032	0.073	0.066	0.111	0.468	0.166	0.205	1985
1986	0.125	0.267	0.397	0.145	0.098	0.382	0.071	0.084	0.332	0.328	0.192	0.366	0.232	1986
1987	0.161	0.106	0.183	0.187	0.055	0.104	0.080	0.213	0.111	0.083	0.164	0.310	0.147	1987
1988	0.073	0.084	0.175	0.117	0.035	0.042	0.019	0.034	0.053	0.051	0.135	0.080	0.075	1988
1989	0.138	0.064	0.124	0.196	0.304	0.435	0.486	0.126	0.116	0.081	0.132	0.048	0.188	1989
1990	0.305	0.453	0.259	0.279	0.158	0.058	0.040	0.062	0.410	0.216	0.160	0.611	0.250	1990
MEAN	0.161	0.238	0.440	0.261	0.140	0.120	0.076	0.070	0.105	0.090	0.184	0.254	0.182	MEAN

LOCATION - LAT 42 02 44 N LONG 082 34 29 W DRAINAGE AREA, 14.2 km^2 NATURAL FLOW

REMARKS - GAUGE INOPERATIVE FROM FEB 12 1980 TO DEC 31 1981

STURGEON CREEK NEAR LEAMINGTON - STATION NO. 02GH001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1971	---	---	---	---	1971
1972	3.09A AT 07:30 EST ON MAR 14	1.77 A ON MAR 14	0.006A ON JUN 06	4 340	1972
1973	9.12 AT 00:42 EST ON JUN 13	2.63 ON MAR 11	0.015 ON JUL 17	5 240	1973
1974	7.67 AT 01:22 EST ON MAR 05	2.34 ON MAR 05	0.007 ON AUG 07	4 780	1974
1975	---	4.25 E ON AUG 30	0.005 ON JUL 11	4 920	1975
1976	---	7.08 B ON FEB 11	0.004 ON SEP 05	5 860	1976
1977	---	6.37 E ON MAR 05	0.012B ON JAN 20	5 600	1977
1978	---	10.7 ON MAR 21	0.009B ON MAR 05	4 710	1978
1979	15.0 AT 01:10 EST ON APR 14	6.68 ON APR 14	0.019 ON JUL 21	6 740	1979
1980	---	---	---	---	1980
1982	37.4 AT 06:42 EST ON MAR 13 *	18.9 ON MAR 13 *	0.019 ON JUL 25	10 500	1982
1983	14.8 AT 17:35 EST ON JUL 04	2.90 ON DEC 06	0.016 ON JUN 25	5 730	1983
1984	14.0 AT 00:56 EST ON MAY 26	3.05 ON MAR 21	0.002 ON JUL 15	4 540	1984
1985	9.20 AT 10:28 EST ON MAR 31	4.95 ON JAN 01	0.002 ON AUG 03	6 480	1985
1986	8.95 AT 17:58 EST ON JUN 11	3.13 ON JUN 14	0.024 ON AUG 05	7 300	1986
1987	5.54 AT 01:14 EST ON AUG 27	2.05 ON AUG 27	0.009 ON JUN 17	4 630	1987
1988	1.31 AT 01:52 EST ON OCT 18	0.475 ON MAR 25	0 ON JUL 15 *	2 360	1988
1989	16.8 AT 04:53 EST ON JUL 20	8.02 ON JUL 20	0.014 ON JUL 18	5 930	1989
1990	6.08 AT 12:33 EST ON FEB 22	5.02 ON SEP 07	0.001 ON JUL 07	7 870	1990
				5 740	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX)
B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

STURGEON RIVER AT CRYSTAL FALLS - STATION NO. 02DC003

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1921	---	---	---	---	---	---	---	---	---	70.0	66.0	72.4	---	1921
1922	45.0	56.0	87.0	346	258	72.2	76.2	63.3	39.4	52.9	61.4	42.4	100	1922
1923	43.7	40.3	58.9	107	215	115	74.3	66.8	77.5	59.0	51.3	50.7	78.0	1923
1924	56.4	63.4	58.3	123	164	74.2	64.7	45.3	41.6	44.2	56.1	55.5	70.6	1924
1925	44.8	53.2	76.3	176	100	97.0	76.2	60.6	56.3	45.6	47.3	48.0	73.4	1925
1926	43.1	50.5	41.9	56.4	196	115	112	74.0	34.2	44.3	69.0	43.3	75.1	1926
1927	49.9	50.6	91.4	109	127	118	85.9	47.6	42.5	46.5	52.9	53.8	72.8	1927
1928	49.4	61.6	75.5	248	413	152	176	61.8	124	204	157	96.7	153	1928
1929	61.8	50.0	81.9	210	251	125	85.0	50.8	49.1	51.0	48.8	34.4	92.4	1929
1930	37.3	40.9	57.8	78.8	148	193	275	89.8	49.3	41.6	34.9	25.1	89.7	1930
1931	16.7	33.9	43.3	124	145	74.3	39.0	33.2	18.4	28.9	86.8	91.2	61.3	1931
1932	75.5	82.3	71.6	162	136	62.6	30.3	33.4	37.3	95.1	197	116	91.4	1932
1933	80.8	69.0	74.7	209	184	77.1	34.2	22.7	13.8	24.0	41.9	27.8	71.5	1933
1934	23.8	38.3	52.3	136	236	100	51.6	19.2	53.9	70.7	109	121	84.5	1934
1935	66.2	56.2	54.3	104	104	69.3	63.1	35.8	13.9	26.4	54.6	50.3	58.2	1935
1936	35.2	33.4	52.5	104	286	136	39.6	17.4	17.6	23.7	32.4	38.2	72.1	1936
1937	66.4	71.0	101	193	175	72.6	45.4	30.1	54.4	66.5	118	92.3	90.4	1937
1938	36.7	47.2	119	290	174	91.0	47.4	44.2	44.1	46.0	44.4	42.6	84.7	1938
1939	47.9	55.0	69.0	111	217	170	62.5	46.9	48.7	48.1	47.3	51.0	81.3	1939
1940	49.1	44.6	48.8	61.0	128	146	82.3	56.4	98.0	58.1	69.9	60.7	75.2	1940
1941	66.3	75.6	70.2	221	122	77.5	97.0	67.1	52.4	80.1	191	96.7	102	1941
1942	72.1	63.5	85.6	199	135	86.9	43.1	34.1	26.2	26.8	42.0	38.2	71.2	1942
1943	47.4	55.0	71.6	142	221	169	70.5	53.7	73.6	45.4	54.6	43.3	87.2	1943
1944	55.4	50.8	65.0	102	148	82.3	38.2	31.7	34.4	37.2	31.3	40.6	59.7	1944
1945	46.8	52.9	122	111	118	167	50.4	50.2	46.2	64.2	141	81.2	87.4	1945
1946	80.9	75.5	155	112	124	103	54.2	45.0	43.3	36.2	44.3	69.5	78.5	1946
1947	65.2	69.5	79.8	208	358	353	134	63.3	54.0	47.2	48.7	43.9	127	1947
1948	44.9	49.5	41.5	190	134	76.9	65.4	40.3	36.7	37.9	70.9	58.6	69.9	1948
1949	78.6	79.3	94.3	213	150	127	100	47.7	46.2	42.1	38.8	36.2	87.7	1949
1950	53.6	54.0	67.1	135	185	77.9	63.2	54.9	41.7	38.0	42.7	41.6	71.4	1950
1951	45.7	58.7	65.4	357	145	75.4	71.3	59.8	42.7	177	192	141	121	1951
1952	82.4	87.4	80.7	191	129	106	77.5	87.9	53.3	51.3	60.6	87.6	90.6	1952
1953	76.4	95.9	192	269	121	75.7	58.7	48.5	45.0	39.0	24.6	24.0	88.8	1953
1954	29.8	39.0	90.6	194	153	240	91.7	53.6	53.1	209	142	110	117	1954
1955	80.3	81.0	83.4	158	72.3	53.5	42.1	24.5	32.0	63.9	121	63.2	72.7	1955
1956	70.8	69.3	74.9	107	181	139	72.5	50.6	65.2	101	83.2	74.6	98.8	1956
1957	68.8	73.3	92.7	168	118	92.8	233	59.7	57.6	60.0	154	120	100	1957
1958	81.6	88.1	86.9	83.9	78.3	52.1	50.0	28.2	38.2	54.4	49.9	54.4	63.0	1958
1959	56.4	57.5	57.2	154	216	87.3	56.1	42.4	63.1	80.0	134	102	92.2	1959
1960	78.5	88.5	82.1	209	425	152	173	79.2	58.5	68.3	115	82.9	135	1960
1961	74.1	59.9	58.2	84.6	217	95.3	61.3	53.9	72.6	84.7	74.4	79.6	77.9	1961
1962	77.8	78.0	79.8	148	192	60.1	44.3	23.5	27.2	26.8	20.0	22.3	66.6	1962
1963	30.8	31.1	47.4	152	110	67.9	38.8	29.4	33.0	40.3	40.4	35.3	54.2	1963
1964	44.9	57.7	56.2	141	123	64.2	52.7	41.8	34.3	54.9	52.6	55.1	64.9	1964
1965	61.9	63.0	61.4	103	194	61.1	35.3	85.9	159	163	125	108	102	1965
1966	102	90.1	101	153	111	85.3	57.3	47.1	49.3	61.5	110	198	97.8	1966
1967	98.2	97.2	84.0	248	258	150	64.3	59.0	47.9	59.6	144	83.0	112	1967
1968	80.4	85.8	80.9	124	86.2	79.3	60.9	61.6	61.8	58.4	57.7	66.5	73.2	1968
1969	57.2	63.4	66.6	161	143	106	67.5	64.4	51.4	68.7	156	87.3	90.9	1969
1970	75.9	80.3	67.4	128	220	258	168	70.9	68.1	78.3	68.8	79.6	114	1970
1971	72.8	70.4	70.1	185	179	69.5	31.5	37.1	21.7	18.7	25.2	54.1	70.2	1971
1972	58.7	68.9	80.2	143	316	80.8	68.1	120	107	76.8	73.2	67.4	105	1972
1973	74.6	85.9	127	161	185	119	67.3	82.0	47.5	53.9	70.3	69.4	91.0	1973
1974	61.9	62.3	67.2	159	177	115	72.7	52.0	43.6	59.9	164	76.1	92.6	1974
1975	73.4	79.1	86.1	133	193	78.4	32.5	11.1	10.1	31.0	37.9	76.0	70.2	1975
1976	70.7	76.7	76.5	234	219	75.7	37.4	21.5	20.2	41.5	30.1	27.5	79.0	1976
1977	36.2	50.1	79.2	223	87.8	73.6	32.1	28.6	64.6	78.2	110	89.2	76.0	1977
1978	86.1	77.9	61.6	85.5	180	57.1	34.1	34.1	52.4	156	77.6	77.8	82.9	1978
1979	69.1	66.9	88.9	348	405	122	70.3	66.2	62.7	65.4	99.7	111	131	1979
1980	89.6	78.9	66.5	224	195	66.4	40.3	35.6	51.0	95.3	75.8	61.7	90.0	1980
1981	68.2	84.8	102	331	102	81.6	80.9	33.2	43.1	73.4	66.3	74.5	94.9	1981
1982	68.7	68.4	64.0	164	119	42.3	17.6	10.1	38.9	95.5	109	136	77.7	1982
1983	101	79.1	85.4	132	247	164	40.1	30.7	26.3	56.8	45.5	61.8	89.2	1983
1984	57.6	73.5	81.7	158	97.1	180	115	53.5	55.6	56.4	108	97.5	94.2	1984
1985	81.1	81.9	82.0	240	233	69.1	50.7	49.6	39.3	31.4	45.5	51.4	87.8	1985
1986	58.8	68.3	53.5	167	130	77.1	39.9	32.6	48.1	66.4	58.0	61.2	70.7	1986
1987	61.4	61.1	58.6	101	49.7	43.6	23.4	17.9	16.1	18.0	24.2	49.0	43.5	1987
1988	53.7	58.2	71.8	234	174	59.9	29.8	36.4	42.4	103	147	102	94.1	1988
1989	79.7	75.2	---	134	147	---	51.1	36.1	29.1	23.2	37.0	39.6	---	1989
1990	52.5	53.4	---	119	---	106	92.3	44.8	26.2	96.5	111	140	---	1990
MEAN	62.3	64.7	76.9	169	176	105	70.3	47.6	48.8	64.0	79.5	70.9	86.5	MEAN

LOCATION - LAT 46 27 00 N LONG 079 51 47 W

DRAINAGE AREA, 6 660 km²

REGULATED

STURGEON RIVER AT CRYSTAL FALLS - STATION NO. 02DC003

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1921	---	---	---	---	1921
1922	---	561 ON APR 19	20.2 ON JAN 29	3 150 000	1922
1923	---	473 ON APR 30	0.850 ON SEP 03	2 460 000	1923
1924	---	264 ON MAY 01	5.66 ON JAN 06	2 230 000	1924
1925	---	212 ON APR 27	31.1 ON MAR 01	2 310 000	1925
1926	---	294 ON MAY 23	14.2 ON NOV 07	2 370 000	1926
1927	---	243 ON APR 22	18.7 ON OCT 23	2 290 000	1927
1928	---	556 ON MAY 13	32.8 ON JAN 26	4 850 000	1928
1929	---	348 ON MAY 04	19.3 ON DEC 15	2 910 000	1929
1930	---	405 ON JUN 28	13.9 ON DEC 17	2 830 000	1930
1931	---	219 ON APR 23	0.311 ON AUG 29	1 940 000	1931
1932	---	234 ON NOV 12	16.1 ON AUG 16	2 890 000	1932
1933	---	294 ON APR 18	1.70 ON SEP 24	2 250 000	1933
1934	---	337 ON MAY 03	13.9 ON AUG 21	2 670 000	1934
1935	---	177 ON MAY 01	9.37 ON OCT 02	1 830 000	1935
1936	---	357 ON MAY 05	3.54 ON SEP 10	2 280 000	1936
1937	---	306 ON MAY 01	5.55 ON SEP 08	2 850 000	1937
1938	---	360 ON APR 01	20.1 ON NOV 27	2 670 000	1938
1939	---	294 ON MAY 11	35.7 ON SEP 28	2 560 000	1939
1940	---	232 ON MAY 30	23.6 ON MAR 31	2 380 000	1940
1941	---	388 ON APR 22	36.4 ON AUG 31	3 220 000	1941
1942	---	262 ON APR 19	17.7 ON OCT 18	2 240 000	1942
1943	---	348 ON MAY 08	30.0 ON DEC 12	2 750 000	1943
1944	---	234 ON APR 27	19.4 ON AUG 27	1 890 000	1944
1945	---	365 ON JUN 04	37.4 ON JUL 22	2 760 000	1945
1946	---	239 ON MAR 28	27.5 ON SEP 22	2 470 000	1946
1947	---	498 ON JUN 19	34.0 ON OCT 05	4 010 000	1947
1948	---	286 ON APR 22	19.3 ON SEP 06	2 210 000	1948
1949	---	286 ON APR 15	24.2 ON DEC 15	2 760 000	1949
1950	---	279 ON MAY 11	24.9 ON OCT 15	2 250 000	1950
1951	---	538 ON APR 14	29.7 ON SEP 16	3 800 000	1951
1952	---	331 ON APR 25	27.1 ON AUG 31	2 870 000	1952
1953	---	462 ON MAR 29	8.24 ON NOV 22	2 800 000	1953
1954	---	379 ON OCT 17	9.94 ON JAN 01	3 700 000	1954
1955	---	260 ON APR 16	4.50 ON AUG 28	2 290 000	1955
1956	---	250 ON MAY 17	14.2 ON SEP 03	2 870 000	1956
1957	---	459 ON JUL 06	33.4 ON SEP 29	3 420 000	1957
1958	---	135 ON JAN 02	0.708 ON SEP 01	1 990 000	1958
1959	---	306 ON MAY 08	15.6 ON AUG 30	2 910 000	1959
1960	---	620 ON MAY 13	41.1 ON SEP 04	4 250 000	1960
1961	---	189 ON APR 18	39.1 ON AUG 27	2 460 000	1961
1962	---	317 ON MAY 04	8.95 ON NOV 24	2 100 000	1962
1963	---	186 ON APR 18	19.6 ON SEP 24	1 710 000	1963
1964	---	253 ON APR 15	16.0 ON AUG 02	2 050 000	1964
1965	---	371 ON SEP 25	14.2 ON JUL 01	3 210 000	1965
1966	---	511 ON DEC 01	23.2 ON AUG 28	3 080 000	1966
1967	---	419 ON MAY 04	16.3 ON OCT 08	3 520 000	1967
1968	---	187 ON APR 01	24.1 ON NOV 03	2 380 000	1968
1969	---	271 ON APR 17	25.7 ON SEP 21	2 870 000	1969
1970	---	532 ON JUN 05	41.1 ON AUG 30	3 580 000	1970
1971	---	311 ON APR 21	0 ON OCT 03 *	2 210 000	1971
1972	---	510 ON MAY 05	45.9 ON JUL 15	3 320 000	1972
1973	---	274 ON MAY 10	20.6 ON SEP 23	2 870 000	1973
1974	---	294 ON MAY 02	21.9 ON SEP 02	2 920 000	1974
1975	---	357 ON MAY 07	7.14 ON SEP 05	2 210 000	1975
1976	---	340 ON APR 24	11.2 ON SEP 05	2 500 000	1976
1977	---	191 ON APR 22	6.31 ON AUG 21	2 400 000	1977
1978	---	294 ON MAY 15	26.0 ON AUG 16	2 610 000	1978
1979	---	949 ON MAY 01 *	41.5 ON AUG 27	4 150 000	1979
1980	---	340 ON APR 10	20.4 ON AUG 31	2 840 000	1980
1981	---	441 ON APR 10	17.8 ON AUG 23	2 990 000	1981
1982	---	301 ON APR 27	0 ON AUG 01	2 450 000	1982
1983	---	349 ON MAY 08	14.3 ON SEP 11	2 810 000	1983
1984	---	261 ON APR 19	36.4 ON OCT 07	2 980 000	1984
1985	---	580 ON APR 26	13.4 ON SEP 02	2 770 000	1985
1986	---	218 ON APR 10	19.9 ON SEP 10	2 230 000	1986
1987	---	145 ON APR 07	11.2 ON OCT 24	1 970 000	1987
1988	---	355 ON APR 16	21.5 ON AUG 05	2 970 000	1988
1989	---	---	18.2 ON OCT 14	---	1989
1990	---	488 ON MAY 20	10.2 ON SEP 17	---	1990
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		2 730 000	MEAN

STURGEON RIVER AT LOWER GOOSE FALLS - STATION NO. 02DC011

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1981	---	---	---	---	---	---	---	---	---	---	---	12.4	---	1981
1982	---	---	---	---	---	---	---	---	---	---	---	28.6	23.0	1982
1983	9.32	7.40	6.82	40.1	61.2	19.5	9.96	5.58	20.2	35.4	30.6	23.2	22.4	1983
1984	17.7	11.2	12.7	45.4	80.1	56.5	17.9	10.8	1.74	25.1	17.6	13.2	26.4	1984
	6.29	10.6	11.2	56.0	44.6	44.1	35.7	15.3	11.9	21.8	27.2	25.7	26.0	
1985	15.4	11.2	11.6	---	---	---	---	---	---	---	---	---	---	1985
MEAN	12.7	10.1	10.6	47.2	62.0	40.0	21.2	10.6	13.3	27.4	25.1	20.0	25.1	MEAN

LOCATION - LAT 46 56 13 N DRAINAGE AREA, 1 800 km^2
LONG 080 25 53 W NATURAL FLOW

REMARKS - STATION DISCONTINUED APR 25 1985. REPLACED BY 02DC012 "STURGEON RIVER AT UPPER GOOSE FALLS"

STURGEON RIVER AT LOWER GOOSE FALLS - STATION NO. 02DC011

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1961	---	---	---	---	1961
1962	121 AT 15:35 EST ON APR 28	120 ON APR 28	---	---	1962
1963	143 AT 15:23 EST ON JUN 01 *	132 ON JUN 01 *	4.56 ON AUG 22 *	724 000	1963
1964	101 AT 13:56 EST ON APR 19	100 ON APR 19	5.33 ON SEP 14	832 000	1964
1965	---	---	7.20B ON FEB 07	823 000	1965
1966			---	---	1966
	B - ICE CONDITIONS	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		793 000	MEAN

STURGEON RIVER AT MCDOUGALL MILLS - STATION NO. 05QA004

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1961	---	---	---	---	---	---	---	---	19.4	17.3	15.2	14.6	---	1961
1962	13.8	12.9	12.0	12.3	40.6	62.8	40.1	43.1	47.7	29.7	22.1	24.5	30.2	1962
1963	21.9	17.5	14.9	19.8	33.2	60.2	32.0	43.8	27.9	17.4	12.8	13.4	28.0	1963
1964	14.2	15.7	14.3	22.0	122	70.3	69.3	59.0	128	92.0	51.1	34.3	57.8	1964
1965	26.6	21.3	19.9	19.5	54.5	62.9	52.5	35.1	26.9	49.5	51.4	39.6	38.4	1965
1966	32.1	26.8	21.7	24.2	112	133	76.0	45.1	24.1	15.3	14.8	14.6	44.8	1966
1967	14.4	14.2	14.0	24.8	71.2	81.9	51.6	44.4	28.4	17.1	15.5	15.1	32.8	1967
1968	14.8	14.4	13.9	24.2	99.4	155	93.0	79.8	62.2	58.9	57.0	36.7	59.2	1968
1969	29.4	28.1	22.5	30.9	73.2	114	71.0	75.7	66.6	60.8	44.7	36.5	54.5	1969
1970	27.6	22.6	20.1	18.7	80.1	83.9	49.4	38.3	61.7	70.5	70.4	45.9	49.2	1970
1971	37.2	30.1	23.6	34.8	77.1	81.8	51.5	30.3	25.0	71.3	134	67.1	55.3	1971
1972	42.6	31.0	22.4	21.8	63.7	44.4	32.6	26.2	18.1	23.4	26.8	22.1	31.5	1972
1973	18.4	17.8	15.9	21.2	44.8	37.9	51.6	47.3	42.7	47.8	40.4	31.3	34.7	1973
1974	24.7	21.1	19.1	23.0	129	160	60.4	26.5	33.7	37.9	35.0	29.6	50.0	1974
1975	26.4	23.5	20.5	28.9	81.2	60.5	38.6	25.8	18.2	16.8	21.9	18.0	31.7	1975
1976	15.4	13.8	13.3	44.3	66.0	37.5	30.3	15.7	9.31	6.68	4.99	4.79	21.8	1976
1977	4.83	5.04	6.46	14.0	29.0	34.7	35.4	24.3	31.9	33.9	23.1	22.4	22.0	1977
1978	19.6	17.1 R	17.4	15.2	73.9	146	61.5	43.0	35.5	29.0	20.1	17.2	38.6 R	1978
1979	14.8	13.4	14.2	21.6	82.8	57.7	38.0	31.1	46.0	32.0	50.7	35.9	36.6	1979
1980	26.4	24.0	20.1	23.6	50.3	26.9	14.8	13.7	18.1	25.9	27.9	20.9	24.4	1980
1981	16.8	14.7	13.8	20.5	34.2	41.8	54.9	28.3	12.6	10.4	9.95	10.4	22.4	1981
1982	10.5	10.5	10.4	11.7	56.5	60.5	42.1	32.9	23.7	37.0	38.0	29.6	30.8	1982
1983	23.4	19.3	17.8	17.2	29.6	43.2	47.0	32.2	28.6	14.4	15.0	17.7	24.7	1983
1984	17.7	16.7	15.1	26.2	69.2	74.6	57.4	42.6	25.1	18.9	20.6	24.3	34.1	1984
1985	23.5	18.8	15.5	37.6	177	113	106	70.2	73.9	100	62.5	42.4	70.5	1985
1986	29.2	25.2	18.4	32.1	103	52.7	28.3	21.5	17.7	29.2	25.0	26.6	33.7	1986
1987	16.2	13.9	11.4	16.4	20.3	19.9	13.3	12.2	12.9	11.2	12.0	12.4	14.3	1987
1988	11.0	9.89	9.78	19.9	38.0	51.7	55.3	36.3	67.8	99.7	66.8	51.3	42.7	1988
1989	39.1	29.1	21.8	22.5	110	73.4	43.6	24.8	16.4	11.2	9.17	8.04	34.2	1989
1990	9.47	9.60	9.27	12.2	60.4	66.1	79.1	41.1	21.1	15.1	12.0	12.1	29.1	1990
MEAN	21.5	18.4 R	16.2	22.6	71.8	71.7	51.6	37.5	35.5	36.7	33.7	25.8	37.2 R	MEAN

LOCATION - LAT 50 10 20 N, LONG 091 32 30 W — DRAINAGE AREA, 4 450 km^2, NATURAL FLOW

R - REVISED SINCE JAN 01 1989

REMARKS - FROM 1968-1981, STATION TITLED "MARCHINGTON RIVER AT MCDOUGALL MILLS"

STURGEON RIVER AT MCDOUGALL MILLS - STATION NO. 05QA004

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1961	---	---	---	---	1961
1962	---	81.0 ON JUN 02	11.5 ON MAR 23	953 000	1962
1963	---	70.5 ON JUN 29	12.1 ON NOV 09	881 000	1963
1964	---	168 ON SEP 07	13.3 ON JAN 01	1 830 000	1964
1965	---	73.3 ON JUN 12	17.7 ON APR 05	1 210 000	1965
1966	---	224 ON MAY 28 *	14.5 E ON DEC 21	1 410 000	1966
1967	---	101 E ON MAY 31	13.9 E ON MAR 27	1 030 000	1967
1968	185 AT 20:00 CST ON JUN 15	183 ON JUN 16	13.4 ON MAR 25	1 870 000	1968
1969	143 AT 14:30 CST ON JUN 10	142 ON JUN 10	19.3 ON APR 08	1 720 000	1969
1970	116 AT 10:00 CST ON JUN 02	115 ON JUN 02	16.9 ON APR 13	1 550 000	1970
1971	161 AT 19:20 CST ON NOV 08	159 ON NOV 08	21.6 ON APR 09	1 750 000	1971
1972	77.0 AT 08:42 CST ON MAY 22	75.0 ON MAY 21	15.9 ON SEP 21	998 000	1972
1973	58.0 AT 13:31 CST ON JUL 11	57.5 ON JUL 11	15.2 ON FEB 26	1 090 000	1973
1974	210 AT 19:30 CST ON MAY 27	208 ON MAY 27	17.7 ON APR 10	1 580 000	1974
1975	96.3 AT 11:58 CST ON MAY 16	94.6 ON MAY 16	15.5 ON OCT 22	1 000 000	1975
1976	96.0 AT 14:15 CST ON APR 26	94.6 ON APR 26	4.47E ON DEC 19 *	691 000	1976
1977	---	47.0E ON SEP 28	4.62 ON JAN 27	694 000	1977
1978	143 AT 08:04 CST ON JUN 10	141 ON JUN 07	13.3 ON MAR 30	1 220 000	1978
1979	101 AT 15:51 CST ON MAY 19	99.5 ON MAY 20	12.7 ON FEB 08	1 160 000	1979
1980	56.0 AT 05:03 CST ON MAY 14	55.4 ON MAY 13	13.0 ON AUG 07	771 000	1980
1981	68.6 AT 20:42 CST ON JUL 06	68.4 ON JUL 06	9.69 ON NOV 01	705 000	1981
1982	79.4 AT 08:36 CST ON MAY 27	79.2 ON MAY 27	9.95 ON JAN 25	972 000	1982
1983	55.1 AT 12:23 CST ON JUL 08	54.5 ON JUL 08	15.7 ON OCT 09	779 000	1983
1984	80.7 AT 07:00 CST ON JUN 13	80.0 ON JUN 14	14.1 ON APR 03	1 080 000	1984
1985	223 AT 20:15 CST ON MAY 19 *	222 ON MAY 20	13.6 ON APR 13	2 220 000	1985
1986	118 AT 20:40 CST ON MAY 15	116 ON MAY 13	16.4 ON SEP 16	1 060 000	1986
1987	22.5 AT 14:40 CST ON MAY 01	22.1 ON MAY 01	10.6 ON OCT 18	451 000	1987
1988	131 AT 23:00 CST ON SEP 30	130 ON SEP 30	9.49 ON FEB 20	1 350 000	1988
1989	134 AT 19:49 CST ON MAY 17	133 ON MAY 17	8.68 ON DEC 22	1 080 000	1989
1990	94.3 AT 16:20 CST ON JUL 11	93.5 ON JUL 12	8.71 ON MAR 11	919 000	1990
	E - ESTIMATED	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		1 170 000	MEAN

STURGEON RIVER AT OUTLET OF SALVESEN LAKE - STATION NO. 05QE009

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1960	---	---	---	---	---	---	10.1	6.15	5.05	3.79	2.81	3.63	---	1960
1961	2.89	2.55	2.88	9.14	22.6	10.9	5.43	4.01	2.26	3.17	5.14	5.36	6.38	1961
1962	5.76	5.82	5.77	9.77	37.4	24.5	15.1	23.9	19.6	8.28	5.75	---	---	1962
1963	---	---	---	21.1	35.9	41.9	23.9	17.3	9.04	6.02	4.64	4.41	---	1963
1964	4.30	---	---	---	---	---	---	---	16.3	24.1	10.4	7.55	---	1964
1965	6.86	6.12	5.62	13.5	51.5	28.0	18.4	8.02	5.36	9.37	9.88	6.92	14.2	1965
1966	6.32	5.76	5.24	11.4	38.4	30.2	16.3	6.55	4.50	3.90	4.37	4.26	11.5	1966
1967	4.16	4.08	3.98	13.3	31.3	16.3	8.99	9.68	5.91	3.34	2.36	2.64	8.86	1967
1968	2.99	3.06	3.01	9.22	13.9	27.4	14.7	8.11	10.0	14.9	11.1	7.58	10.5	1968
1969	7.75	8.07	6.57	15.2	16.9	15.9	24.8	15.6	15.3	22.2	13.4	9.84	14.3	1969
1970	8.09	7.01	6.71	9.08	42.3	33.5	19.9	13.6	13.1	12.0	24.0	13.6	16.9	1970
1971	9.65	7.86	6.82	23.4	36.3	16.4	9.20	4.95	5.47	4.55	6.12	5.17	11.3	1971
1972	4.28	4.08	3.75	7.42	21.4	11.0	5.65	4.53	4.52	6.12	5.72	4.10	6.89	1972
1973	4.16	3.75	3.60	6.95	13.2	9.57	8.69	14.4	15.3	39.6	22.2	14.9	14.7	1973
1974	10.4	8.46	7.06	20.6	75.1	45.0	18.3	17.9	28.2	15.0	10.0	7.47	22.0	1974
1975	6.55	6.49	5.67	8.68	30.4	21.7	18.9	10.5	6.13	4.24	3.11	3.04	10.5	1975
1976	3.37	3.56	3.68	16.0	20.5	12.1	9.02	3.70	1.82	1.15	0.960	0.848	6.39	1976
1977	0.759	0.767	0.889	1.67	2.29	3.72	4.35	3.61	18.9	14.6	8.99	8.77	5.79	1977
1978	6.84	5.28	4.51	8.76	41.6	24.2	15.7	11.9	7.85	5.94	3.97	3.38	11.7	1978
1979	3.10	3.05	3.11	8.36	41.7	22.6	11.3	6.62	5.61	4.19	5.42	5.97	10.1	1979
1980	5.32	4.82	4.27	12.9	19.0	7.32	4.33	3.07	3.20	4.97	5.27	4.17	6.48	1980
1981	3.57	3.15	2.75	3.34	3.63	9.65	19.1	8.41	7.51	8.27	7.57	5.56	6.90	1981
1982	4.47	3.90	3.34	7.65	25.5	22.6	17.2	9.82	5.86	6.72	6.19	4.61	9.86	1982
1983	4.10	3.71	3.67	9.09	11.4	14.9	11.4	5.72	2.79	2.02	1.56	1.44	5.66	1983
1984	1.36	1.43	1.45	5.08	9.43	17.6	12.3	5.54	2.65	2.82	7.01	6.97	6.14	1984
1985	5.79	4.49	3.78	8.45	21.6	11.4	8.20	15.7	22.9	17.1	13.2	9.24	11.9	1985
1986	7.32	6.16	5.77	21.8	39.4	14.7	8.41	6.11	4.85	10.1	7.84	6.49	11.6	1986
1987	4.83	4.04	4.18	13.7	10.8	5.84	3.55	3.38	2.24	1.51	1.20	1.16	4.70	1987
1988	1.13	1.02	1.12	4.29	7.06	4.34	3.79	3.59	2.97	3.45	3.12	3.64	3.22	1988
1989	4.26	3.90	3.49	6.77	35.3	30.9	19.7	9.53	5.22	3.21	2.42	2.07	10.6	1989
1990	2.15	2.11	2.41	5.65	15.4	15.8	14.1	7.15	4.16	2.52	1.83	1.76	6.28	1990
MEAN	4.91	4.45	4.11	10.6	26.6	19.0	12.7	8.97	9.18	8.65	7.02	5.55	9.83	MEAN

LOCATION - LAT 50 21 20 N DRAINAGE AREA, 1 530 km²
LONG 094 27 30 W NATURAL FLOW

STURGEON RIVER AT OUTLET OF SALVESEN LAKE - STATION NO. 05QE009

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1960	---	---	---	---	1960
1961	26.9 AT 11:00 CST ON MAY 13	26.8 ON MAY 13	0.929 ON SEP 19	201 000	1961
1962	48.7 AT 18:30 CST ON MAY 24	40.4 ON MAY 24	---	---	1962
1963	---	48.7 ON JUN 14	---	---	1963
1964	---	---	---	---	1964
1965	72.2 AT 21:00 CST ON MAY 09 *	72.2 ON MAY 10	5.15 ON SEP 15	448 000	1965
1966	53.0 AT 01:00 CST ON MAY 25	52.7 ON MAY 24	2.72 E ON OCT 12	361 000	1966
1967	---	36.8 E ON MAY 01	2.18 ON NOV 28	279 000	1967
1968	32.8 A AT 13:00 CST ON JUN 15	32.3 A ON JUN 12	2.86 ON MAR 09	332 000	1968
1969	---	37.4 E ON JUL 01	5.75 ON APR 05	452 000	1969
1970	49.8 AT 13:00 CST ON MAY 09	47.3 ON MAY 17	6.09 ON APR 04	534 000	1970
1971	50.7 AT 16:34 CST ON MAY 05	50.4 ON MAY 05	2.70 ON OCT 28	357 000	1971
1972	24.7 AT 12:14 CST ON MAY 09	24.7 ON MAY 09	3.17 ON SEP 05	218 000	1972
1973	45.6 AT 20:10 CST ON OCT 15	45.3 ON OCT 16	3.45 ON MAR 06	465 000	1973
1974	---	92.3 E ON MAY 21 *	6.00 E ON APR 08	694 000	1974
1975	35.1 ON MAY	35.1 ON MAY 08	2.89 ON NOV 25	331 000	1975
1976	---	32.0 E ON APR 25	0.8048 ON DEC 27	202 000	1976
1977	27.1 AT 08:45 CST ON SEP 21	27.0 ON SEP 19	0.7368 ON JAN 28 *	183 000	1977
1978	49.8 AT 15:27 CST ON MAY 14	49.6 ON MAY 14	3.23 ON DEC 28	369 000	1978
1979	49.8 AT 04:05 CST ON MAY 04	49.8 ON MAY 04	2.97 ON JAN 23	320 000	1979
1980	31.6 AT 00:09 CST ON MAY 02	31.4 ON MAY 01	2.58 ON AUG 31	205 000	1980
1981	24.7 AT 00:25 CST ON JUL 08	24.6 ON JUL 07	2.59 ON MAR 23	218 000	1981
1982	28.2 AT 20:05 CST ON MAY 12	28.1 ON MAY 12	3.22 ON MAR 08	311 000	1982
1983	16.2 AT 11:56 CST ON JUN 16	16.2 ON JUN 15	1.40 ON NOV 16	178 000	1983
1984	21.6 AT 14:15 CST ON JUN 25	21.4 ON JUN 24	1.23 E ON JAN 23	194 000	1984
1985	30.1 AT 20:31 CST ON AUG 29	30.0 ON AUG 29	3.54 ON MAR 24	374 000	1985
1986	53.0 AT 03:40 CST ON MAY 05	52.4 ON MAY 05	4.08 ON SEP 14	366 000	1986
1987	19.2 AT 17:55 CST ON APR 26	19.1 ON APR 23	1.09 ON DEC 03	148 000	1987
1988	7.66 AT 14:14 CST ON MAY 02	7.54 ON MAY 02	0.963 ON FEB 11	102 000	1988
1989	39.1 AT 20:30 CST ON MAY 29	39.1 ON MAY 29	1.88 ON DEC 21	335 000	1989
1990	17.6 AT 15:23 CST ON MAY 07	17.4 ON MAY 07	1.62 A ON DEC 26	198 000	1990
				310 000	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX) E - ESTIMATED * - EXTREME RECORDED FOR THE PERIOD OF RECORD

STURGEON RIVER AT SMOKY FALLS - STATION NO. 02DC001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1914	---	---	---	103	239	93.7	80.2	53.9	51.3	58.8	78.9	46.0	---	1914
1915	19.8	18.4	17.6	93.4	145	106	66.1	51.3	60.8	81.2	59.4	79.9	66.8	1915
1916	47.6	55.4	63.6	259	289	128	67.6	45.5	58.5	91.3	77.1	91.3	100	1916
1917	50.1	45.3	48.6	154	265	200	152	84.0	68.5	95.0	50.8	46.7	103	1917
1918	43.4	40.4	42.0	140	190	91.6	82.8	63.9	69.5	90.1	121	73.5	88.3	1918
1919	61.7	65.7	77.0	218	299	200	79.3	61.1	85.3	121	132	112	126	1919
1920	85.6	81.6	109	198	194	102	---	---	---	---	---	---	---	1920
MEAN	52.7	51.1	59.6	166	232	133	88.0	60.0	60.5	77.6	86.5	74.9	96.8	MEAN

LOCATION - LAT 46 27 00 N LONG 079 52 00 W DRAINAGE AREA, 6 660 km² REGULATED DATA CONTRIBUTED BY - ONTARIO HYDRO

STURGEON RIVER AT SMOKY FALLS - STATION NO. 02DC001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1914	---	328 ON MAY 01	---	---	1914
1915	---	183 ON MAY 11	15.3B ON MAR 16 *	2 110 000	1915
1916	---	450 ON MAY 02 *	24.6 ON SEP 12	3 180 000	1916
1917	---	340 ON MAY 04	36.8 ON NOV 23	3 260 000	1917
1918	---	254 ON MAY 11	37.9 ON MAR 15	2 780 000	1918
1919	---	365 ON MAY 25	45.3 ON MAR 10	3 980 000	1919
1920	---	300 ON MAY 01	---	---	1920
	B - ICE CONDITIONS	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		3 060 000	MEAN

STURGEON RIVER AT STURGEON BAY - STATION NO. 02ED018

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1988	---	---	---	---	---	---	0.646	0.687	0.873	1.08	1.40	1.11	---	1988
1989	1.19	0.899	2.03	1.92	1.60	1.16	0.471	0.577	0.845	1.06	1.78	1.04	1.22	1989
1990	1.42	1.24	2.82	1.96	1.37	0.815	0.788	0.619	0.749	1.16	1.69	1.50	1.35	1990
MEAN	1.31	1.07	2.43	1.94	1.49	0.988	0.635	0.628	0.822	1.10	1.65	1.22	1.29	MEAN

LOCATION - LAT 44 43 49 N LONG 079 43 11 W DRAINAGE AREA, 103 km² NATURAL FLOW

REMARKS - STATION ACTIVATED JUNE, 1988

STURGEON RIVER AT STURGEON BAY - STATION NO. 02ED018

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1988	---	---	---	---	1988
1989	13.0 AT 05:57 EST ON MAR 29	12.2 ON MAR 29 *	0.397 ON JUL 25 *	38 300	1989
1990	14.1 AT 00:30 EST ON MAR 15 *	11.7B ON MAR 15	0.493 ON SEP 03	42 400	1990
	B - ICE CONDITIONS	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		40 400	MEAN

STURGEON RIVER AT UPPER GOOSE FALLS - STATION NO. 02DC012

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1986	4.86	3.61	4.15	50.9	44.3	16.8	7.17	5.05	5.44	14.4	13.4	7.32	14.8	1986
1987	4.84	4.07	4.49	25.9	14.8	7.62	3.72	1.90	1.78	6.33	6.52	7.61	7.46	1987
1988	5.97	5.17	4.24	75.4	61.8	12.8	4.75	7.90	6.15	17.6	40.4	23.0	22.1	1988
1989	9.35	6.17	4.81	20.9	58.2	38.8	9.48	5.45	4.42	3.44	7.68	6.04	14.6	1989
1990	4.94	5.55	15.2	35.9	70.2	25.7	21.9	4.21	2.74	13.0	16.5	18.5	19.6	1990
MEAN	5.99	4.91	6.64	41.8	49.9	20.3	9.40	4.90	4.11	11.0	16.9	12.5	15.7	MEAN

LOCATION - LAT 46 58 13 N LONG 080 27 27 W DRAINAGE AREA, 1 200 km² NATURAL FLOW

REMARKS - STATION ACTIVATED SEP 12 1985 TO REPLACE 02DC011.

STURGEON RIVER AT UPPER GOOSE FALLS - STATION NO. 02DC012

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1986	82.4 AT 13:43 EST ON APR 22	80.9 ON APR 22	2.80B ON MAR 09	466 000	1986
1987	37.2 AT 20:16 EST ON APR 15	36.8 ON APR 15	1.12 ON SEP 06 *	235 000	1987
1988	120 AT 15:05 EST ON APR 15	118 ON APR 15	2.95 ON AUG 03	698 000	1988
1989	83.6 AT 17:17 EST ON MAY 07	82.9 ON MAY 07	2.16 ON OCT 05	460 000	1989
1990	158 AT 22:51 EST ON MAY 19 *	155 ON MAY 20 *	2.19 ON SEP 18	619 000	1990
	B - ICE CONDITIONS	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		496 000	MEAN

STURGEON RIVER BELOW SMOKY FALLS - STATION NO. 02DC002

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1920	---	---	---	---	---	---	73.2	57.7	35.7	26.3	43.2	34.2	---	1920
1921	29.4	20.1	50.6	211	152	72.1	61.2	46.7	39.7	---	---	---	---	1921
MEAN	29.4	20.1	50.6	211	152	72.1	67.2	52.2	37.7	26.3	43.2	34.2	---	MEAN

LOCATION - LAT 46 27 00 N LONG 079 52 00 W DRAINAGE AREA, 6 660 km² REGULATED

STURGEON RIVER BELOW SMOKY FALLS - STATION NO. 02DC002

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1920	---	---	---	---	1920
1921	---	314 ON APR 10 *	---	---	1921
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		---	MEAN

STURGEON RIVER NEAR BARWICK - STATION NO. 05PC010

MONTHLY AND ANNUAL MEAN DISCHARGES FOR MAR TO OCT IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1952	---	---	0	4.18	0.344	0.847	3.03	0.086	0	0	---	---	1.05	1952
1953	---	---	0.286	0.386	0.589	2.05	0.422	0.099	0.261	0.121	---	---	0.522	1953
1954	---	---	0	6.40	3.40	0.793	0.065	0	0.091	0.061	0.082	---	1.34	1954
1955	---	---	0	6.99	0.796	2.35	1.19	0.004	0.304	1.92	---	---	1.68	1955
1956	---	---	0	9.71	2.26	1.08	0.097	0.036	0.046	0.076	---	---	1.64	1956
1957	---	---	0.175	4.81	0.465	0.658	1.40	0.023	0.126	0.229	---	---	0.975	1957
1958	---	---	0.593	0.708	0.347	0.677	1.36	0.026	0	0.033	---	---	0.722	1958
1959	---	---	0.072	3.50	1.49	0.521	0.100	0.016	0.527	0.576	---	---	0.843	1959
1960	---	---	0	3.43	0.761	1.14	0.112	0.209	0.342	0.126	---	---	0.754	1960
1961	---	---	2.44	3.92	0.836	0.016	0.012	0.013	0.904	0.920	---	---	1.13	1961
1962	---	---	0.015	7.29	7.88	3.60	3.35	1.09	1.60	0.163	---	---	3.11	1962
1963	---	---	0.774	4.65	2.91	5.20	1.74	0.134	0.024	0.009	---	---	1.91	1963
1964	---	---	0	4.28	1.43	4.79	0.052	1.37	4.86	0.474	---	---	2.13	1964
1965	---	---	0	7.42	4.68	1.39	0.635	0.510	1.93	3.68	---	---	2.52	1965
1966	---	---	0.373	12.8	4.59	0.288	0.330	2.72	0.234	0.299	---	---	2.68	1966
1967	---	---	1.24	8.63	2.74	3.11	0.287	0.042	0.004	0.025	---	---	1.99	1967
1968	---	---	1.58	2.36	0.964	0.36	1.21	2.48	4.70	5.85	---	---	3.54	1968
1969	---	---	0	8.27	1.35	0.720	0.447	3.68	0.152	0.954	---	---	1.93	1969
1970	---	---	0	7.89	4.11	1.16	0.135	0.021	0.098	0.284	---	---	1.71	1970
1971	---	---	0	5.69	2.02	0.549	0.065	0.008	0.102	2.44	---	---	1.35	1971
1972	---	---	0.043	6.09	1.94	0.224	0.198	0.014	0.022	0.500	---	---	1.12	1972
1973	---	---	1.37	0.624	0.662	0.411	0.334	2.95	0.928	5.14	---	---	1.56	1973
1974	---	---	0	7.64	5.41	3.29	0.001	0.175	0.001	0.226	---	---	2.07	1974
1975	---	---	0	8.13	2.14	0.431	0.761	0	0	0.049	---	---	1.42	1975
1976	---	---	0.052	5.13	0.174	0.677	0.277	0.006	0	0	---	---	0.775	1976
1977	---	---	0.732	0.794	1.99	1.37	0.108	0	1.52	1.03	---	---	0.940	1977
1978	---	---	0	7.88	3.23	3.34	2.22	0.481	1.49	0.214	---	---	2.33	1978
1979	---	---	0.120	12.0	2.29	1.92	0.149	0.007	0.008	0.006	---	---	2.03	1979
1980	---	---	0	3.16	0.290	0	0	0.003	0.389	0.197	---	---	0.496	1980
1981	---	---	0.462	1.05	0.890	1.26	0.759	0.165	0.120	1.78	---	---	0.811	1981
1982	---	---	0	4.80	3.19	0.406	2.67	1.29	0.586	3.67	---	---	2.08	1982
1983	---	---	0.518	1.87	0.655	3.14	0.917	0.005	0.744	1.89	---	---	1.21	1983
1984	---	---	0.254	3.59	1.12	5.68	0.328	0.011	0	1.55	---	---	1.55	1984
1985	---	---	1.27	5.34	4.09	6.54	0.861	2.43	2.55	2.29	---	---	3.15	1985
1986	---	---	1.67	7.13	3.05	0.028	0.006	0	0.005	0.059	---	---	1.48	1986
MEAN	---	---	0.401	5.42	2.15	1.94	0.789	0.574	0.705	1.06	0.082	---	1.62	MEAN

LOCATION - LAT 48 41 15 N LONG 093 59 00 W DRAINAGE AREA, 168 km² NATURAL FLOW

STURGEON RIVER NEAR BARWICK - STATION NO. 05PC010

EXTREMES OF DISCHARGE AND TOTAL DISCHARGE FOR MAR TO OCT FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1952	----	9.32 CN APR 14	OB CN MAR 01 *	22 300	1952
1953	----	3.97 CN JUN 23	OB CN MAR 01	11 100	1953
1954	----	20.0 CN APR 13	OB CN MAR 01	28 300	1954
1955	----	21.2 B CN APR 10	OB CN MAR 01	35 500	1955
1956	----	20.8 CN APR 14	OB CN MAR 01	34 700	1956
1957	----	21.9 CN APR 20	OB CN MAR 01	20 600	1957
1958	----	12.1 CN JUL 08	OB CN MAR 04	15 300	1958
1959	----	9.09 CN APR 06	OB CN MAR 01	17 800	1959
1960	----	13.1 CN APR 14	OB CN MAR 01	16 000	1960
1961	----	15.4 B CN MAR 26	OB CN MAR 01	23 900	1961
1962	----	23.7 CN MAY 23	OB CN MAR 01	65 800	1962
1963	----	18.3 CN JUN 02	OB CN MAR 01	40 500	1963
1964	----	20.9 CN SEP 06	OB CN MAR 01	45 000	1964
1965	----	22.1 CN APR 15	OB CN MAR 01	53 300	1965
1966	----	26.3 CN APR 17	OB CN MAR 01	56 700	1966
1967	----	29.7 B CN MAR 31	OB CN MAR 01	42 100	1967
1968	----	43.0 CN JUN 06	OB CN MAR 01	74 900	1968
1969	----	25.6 B CN APR 10	0 CN MAR 01	40 900	1969
1970	----	28.0 CN APR 25	OB CN MAR 01	36 200	1970
1971	----	24.0 B CN APR 12	OB CN MAR 01	28 500	1971
1972	----	20.4 CN APR 21	OB CN MAR 01	23 600	1972
1973	----	17.8 CN OCT 13	OB CN MAR 01	33 100	1973
1974	----	28.3 CN JUN 07	OB CN MAR 01	43 900	1974
1975	----	27.4 B CN APR 24	OB CN MAR 01	30 100	1975
1976	----	11.4 B CN APR 07	OB CN MAR 01	16 400	1976
1977	----	9.66 CN JUN 01	OB CN MAR 01	19 900	1977
1978	----	29.2 CN MAY [illegible]	OB CN MAR 01	49 400	1978
1979	----	53.0 B CN APR [illegible] *	OB CN MAR 01	43 000	1979
1980	----	10.4 B CN APR 07	OB CN MAR 01	10 500	1980
1981	4.17 AT 05:00 CST ON OCT 03	3.94 CN OCT 03	OB CN MAR 01	17 200	1981
1982	18.1 AT 12:00 CST ON JUL 22	18.0 B CN APR 18	OB CN MAR 01	44 000	1982
1983	15.4 AT 17:03 CST ON JUN 23	12.7 CN JUN 23	OB CN MAR 01	25 600	1983
1984	----	33.0 A CN JUN 09	OB CN MAR 01	32 700	1984
1985	63.8 AT 22:56 CST ON JUN 24 *	44.9 CN JUN 23	OB CN MAR 01	66 700	1985
1986	----	26.6 B CN MAR 31	0 CN JUN 28	31 400	1986
				34 200	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX) B - ICE CONDITIONS * - EXTREME RECORDED FOR THE PERIOD OF RECORD

STURGEON RIVER NEAR GLEN AFTON - STATION NO. 02DC004

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1941	----	----	----	----	----	----	----	----	----	----	----	43.3	----	1941
1942	30.6	21.4	19.3	90.0	83.0	49.9	23.5	14.7	13.4	13.6	21.1	15.9	32.9	1942
1943	12.9	14.9	18.5	51.8	128	101	47.0	25.9	36.0	19.7	25.5	15.6	41.5	1943
1944	12.4	11.7	15.4	41.7	97.8	46.6	23.8	18.1	13.7	16.1	17.2	12.9	27.3	1944
1945	9.06	8.30	31.8	73.8	71.7	103	33.8	20.6	22.8	26.9	53.7	28.9	40.4	1945
1946	28.9	23.2	50.4	70.2	68.2	51.5	29.1	24.8	19.4	15.2	25.0	35.1	36.8	1946
1947	21.1	17.7	17.3	76.6	162	172	59.6	35.9	22.7	13.6	10.8	10.7	51.7	1947
1948	10.1	16.5	13.0	85.2	70.8	44.2	32.1	23.0	12.8	15.2	34.9	30.7	32.3	1948
1949	33.7	30.6	29.4	102	83.8	64.3	49.3	20.3	20.3	12.1	11.8	11.3	39.0	1949
1950	18.3	23.5	23.0	50.2	114	47.6	33.7	25.1	15.6	9.94	17.6	19.7	33.3	1950
1951	10.4	18.1	14.8	165	84.9	40.8	49.3	25.9	27.2	73.9	71.8	52.9	52.9	1951
1952	21.4	27.1	24.6	97.9	76.6	50.4	35.7	33.9	23.3	16.8	22.4	36.5	39.5	1952
1953	25.5	31.4	63.4	144	73.0	37.1	26.3	13.4	16.7	13.5	8.80	16.4	39.1	1953
1954	10.9	13.6	41.3	92.9	97.4	102	51.3	24.3	24.9	101	67.6	46.6	56.3	1954
1955	29.8	24.6	22.1	80.6	43.5	27.5	12.0	13.8	14.9	32.6	47.6	25.1	31.1	1955
1956	18.5	24.0	23.3	53.0	100	66.4	39.5	28.1	37.7	49.7	35.7	32.9	42.4	1956
1957	24.2	23.3	26.2	77.6	84.1	42.6	111	23.5	30.0	20.6	56.4	49.4	47.6	1957
1958	36.7	25.6	22.6	52.2	36.4	31.0	24.3	12.9	13.4	28.6	31.1	27.0	28.4	1958
1959	20.6	15.0	17.6	69.7	125	43.7	25.0	16.9	22.4	36.1	60.0	42.2	41.3	1959
1960	28.5	27.0	24.3	94.1	254	78.4	64.3	28.9	25.0	28.3	41.5	31.0	60.6	1960
1961	22.1	19.7	18.0	43.[illegible]	72.0	56.3	41.2	27.2	35.9	36.6	32.2	38.6	37.0	1961
1962	35.3	25.0	23.9	66.6	----	----	----	----	----	----	----	----	----	1962
1979	----	----	----	----	----	----	----	----	----	----	----	59.4	----	1979
1980	36.0	21.7	18.0	119	113	40.1	20.2	18.1	19.1	45.8	34.0	17.5	42.0	1980
1981	15.2	17.5	25.1	124	62.2	44.6	33.6	18.6	22.3	33.5	29.8	22.9	41.3	1981
1982	17.6	12.9	12.3	97.1	86.2	31.3	14.3	9.25	28.5	50.4	46.2	49.7	35.6	1982
1983	36.3	22.4	30.7	79.7	123	92.5	27.3	16.5	14.2	33.2	23.7	22.2	43.5	1983
1984	16.3	19.9	21.7	85.4	61.8	81.4	57.0	28.4	27.1	35.1	42.8	39.0	43.0	1984
1985	27.5	19.4	23.5	115	138	43.7	32.0	24.3	14.8	16.3	26.5	22.1	42.0	1985
1986	16.0	12.6	13.6	94.1	80.4	42.7	19.7	15.3	23.5	34.8	33.5	21.6	34.0	1986
1987	16.2	14.2	15.4	56.8	33.7	25.2	13.1	9.60	11.8	13.9	13.6	22.2	20.5	1987
1988	19.5	15.8	14.3	152	115	37.3	17.0	16.1	19.1	41.9	69.3	42.4	46.5	1988
1989	23.0	17.2	17.8	56.1	101	60.3	25.7	17.4	16.6	18.7	17.0	12.8	32.5	1989
1990	12.2	14.4	31.8	66.0	143	63.6	49.9	15.7	14.0	34.0	42.0	38.8	44.0	1990
MEAN	22.1	19.6	23.9	85.6	96.2	58.9	36.2	20.9	21.3	30.1	34.6	30.1	39.9	MEAN

LOCATION - LAT 46 30 12 N LONG 080 15 53 W DRAINAGE AREA, 2 980 km^2 REGULATED

REMARKS - FORMERLY PUBLISHED AS "STURGEON RIVER NEAR AZEN" 1941-62

STURGEON RIVER NEAR GLEN AFTON - STATION NO. 02DC004

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1941	----	----	----	----	1941
1942	----	151 ON APR 20	10.1 ON OCT 19	1 040 000	1942
1943	----	197 ON MAY 07	12.9 B ON JAN 01	1 110 000	1943
1944	----	148 ON MAY 06	11.1 ON SEP 19	865 000	1944
1945	----	215 ON JUN 03	8.38B ON FEB 01	1 270 000	1945
1946	----	102 ON MAR 30	13.2 ON OCT 24	1 160 000	1946
1947	----	262 ON JUN 19	7.59 ON NOV 02	1 630 000	1947
1948	----	132 ON APR 25	7.02 ON OCT 07 *	1 020 000	1948
1949	----	136 ON APR 28	10.1 ON NOV 10	1 230 000	1949
1950	----	159 ON MAY 10	7.67 ON OCT 10	1 050 000	1950
1951	----	249 ON APR 14	10.4 B ON JAN 01	1 670 000	1951
1952	----	196 ON APR 25	12.0 ON NOV 15	1 250 000	1952
1953	----	173 ON APR 14	7.67 ON NOV 12	1 230 000	1953
1954	----	165 ON OCT 19	10.9 B ON JAN 01	1 780 000	1954
1955	----	135 ON APR 19	7.93 ON JUL 30	981 000	1955
1956	----	126 ON MAY 18	17.1 B ON JAN 16	1 340 000	1956
1957	----	244 ON JUL 06	13.4 ON OCT 14	1 500 000	1957
1958	----	87.8 ON APR 22	9.26 ON SEP 05	895 000	1958
1959	----	174 ON MAY 07	11.4 B ON FEB 28	1 300 000	1959
1960	----	419 ON MAY 14 *	19.7 ON SEP 03	1 920 000	1960
1961	----	86.4 ON MAY 11	14.3 ON SEP 12	1 170 000	1961
1962	----	----	----	----	1962
1979	----	----	----	----	1979
1980	---	189 E ON APR 28	9.46 ON SEP 13	1 330 000	1980
1981	226 AT 20:53 EST ON APR 09	225 ON APR 10	13.9 ON AUG 23	1 300 000	1981
1982	162 AT 03:01 EST ON MAY 02	160 ON APR 30	8.00 ON AUG 21	1 140 000	1982
1983	163 AT 14:01 EST ON JUN 02	162 ON JUN 02	10.0 ON SEP 10	1 170 000	1983
1984	146 AT 00:13 EST ON APR 21	145 ON APR 20	13.9 B ON FEB 09	1 360 000	1984
1985	359 AT 08:01 EST ON APR 29 *	355 ON APR 29	11.6 ON SEP 03	1 320 000	1985
1986	117 AT 16:55 EST ON APR 23	116 ON APR 24	10.6 B ON MAR 08	1 070 000	1986
1987	73.4 AT 19:00 EST ON APR 14	72.3 ON APR 15	8.08 ON AUG 07	645 000	1987
1988	217 AT 16:30 EST ON APR 15	212 ON APR 15	10.2 ON AUG 05	1 470 000	1988
1989	133 AT 15:06 EST ON MAY 06	132 ON MAY 06	11.2 B ON DEC 28	1 030 000	1989
1990	259 AT 20:56 EST ON MAY 19	258 ON MAY 20	8.17 ON SEP 13	1 390 000	1990
				1 260 000	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

SYDENHAM RIVER AT FLORENCE - STATION NO. 02QG003

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1984	2.95	44.5	34.0	13.2	8.19	14.0	5.25	2.02	6.05	2.55	14.1	20.4	13.8	1984
1985	19.2	49.8	47.2	25.0	3.04	2.31	1.68	2.01	2.46	8.48	33.0	14.2	17.1	1985
1986	18.8	12.8	41.1	13.1	6.45	9.63	4.56	2.03	5.95	24.6	9.21	21.0	14.3	1986
1987	11.8	4.48	24.0	17.7	2.61	1.86	0.761	0.930	1.18	2.36	8.26	28.4	9.74	1987
1988	3.75	8.46	17.2	8.66	3.30	1.06	1.44	0.784	0.774	3.63	13.9	6.63	5.77	1988
1989	8.21	4.81	10.5	14.0	4.39	6.97	1.65	0.725	1.11	1.11	5.86	2.96	5.17	1989
1990	26.1	36.4	26.0	15.8	11.6	4.21	1.77	2.90	7.95	16.5	16.2	29.6	16.1	1990
MEAN	13.0	23.0	28.6	15.4	5.65	5.72	2.44	1.63	3.64	8.46	14.4	17.9	11.6	MEAN

LOCATION - LAT 42 39 00 N DRAINAGE AREA, 1 160 km^2
LONG 082 00 32 W NATURAL FLOW

SYDENHAM RIVER AT FLORENCE - STATION NO. 02QG003

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1984	----	240 B ON FEB 15	1.36 ON AUG 28	436 000	1984
1985	344 AT 06:24 EST ON FEB 25 *	334 ON FEB 25 *	0.635 ON AUG 10	540 000	1985
1986	147 AT 14:24 EST ON MAR 12	138 ON MAR 12	0.864 ON SEP 09	452 000	1986
1987	81.4 AT 12:47 EST ON MAR 03	78.7 ON MAR 03	0.431 ON JUL 31	276 000	1987
1988	50.9 AT 17:47 EST ON MAR 26	48.6 ON MAR 26	0.398 ON JUL 16 *	183 000	1988
1989	38.4 AT 08:49 EST ON APR 05	37.0 ON APR 05	0.631 ON AUG 11	183 000	1989
1990	199 AT 04:05 EST ON DEC 31	185 ON DEC 31	1.12 ON JUL 29	509 000	1990
				366 000	MEAN

B - ICE CONDITIONS
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

SYDENHAM RIVER AT STRATHROY - STATION NO. 02GG005

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1966	---	---	---	---	---	1.76	0.352	0.393	0.356	0.454	1.60	4.78	---	1966
1967	1.75	1.08	4.40	4.31	2.10	1.44	1.01	0.833	0.679	3.43	4.04	3.75	2.41	1967
1968	3.42	2.46	4.97	1.87	1.07	1.12	1.18	0.594	0.697	0.681	2.00	2.20	2.27	1968
1969	5.04	2.47	2.44	3.56	2.65	1.18	0.458	0.353	0.383	0.403	1.27	1.12	1.77	1969
1970	0.704	1.31	3.51	3.71	1.11	0.528	0.538	0.247	0.409	0.567	1.33	2.23	1.35	1970
1971	0.993	2.29	5.99	2.03	0.734	0.483	0.272	0.178	0.432	0.529	0.697	1.60	1.37	1971
1972	1.51	0.572	4.49	3.52	1.40	0.646	0.534	0.479	0.586	1.08	2.22	1.41	1.62	1972
1973	4.26	1.50	7.27	2.19	2.06	1.30	0.505	0.453	0.343	0.556	2.28	1.78	2.09	1973
1974	4.23	2.74	4.33	2.83	3.45	0.895	0.520	0.366	0.400	0.489	0.831	0.749	1.82	1974
1975	2.33	3.11	5.40	3.57	0.987	1.16	0.496	0.709	1.01	0.639	0.771	1.49	1.80	1975
1976	1.05	7.77	7.24	2.19	2.74	0.860	1.94	1.77	1.15	1.24	1.71	0.972	2.53	1976
1977	0.710	1.07	9.96	2.83	0.792	0.468	0.385	0.393	1.69	1.57	2.07	5.10	2.27	1977
1978	1.19	1.08	3.71	6.33	1.32	0.705	0.458	0.366	0.524	0.749	0.724	1.14	1.69	1978
1979	1.66	0.706	6.33	6.06	1.43	0.719	0.394	0.331	0.293	0.592	2.08	3.09	1.98	1979
1980	1.30	0.649	4.36	3.05	0.819	0.623	0.443	0.592	0.544	0.823	0.521	1.32	1.26	1980
1981	0.526	6.92	2.08	1.93	1.49	0.742	0.387	0.552	1.33	3.79	2.33	1.75	2.04	1981
1982	2.58	0.863	9.67	5.16	1.27	1.21	0.602	0.742	1.07	1.43	4.44	4.99	2.76	1982
1983	1.85	3.13	1.48	2.86	4.34	1.36	0.639	0.884	0.578	0.428	0.692	2.77	1.74	1983
1984	0.716	5.18	3.94	1.78	1.25	2.09	0.924	0.538	1.92	1.34	2.20	2.94	2.05	1984
1985	2.72	7.23	7.27	3.98	0.949	0.891	0.599	0.671	0.842	2.42	4.80	2.60	2.87	1985
1986	3.01	1.64	5.84	2.25	1.14	1.78	0.749	0.605	1.37	4.48	1.54	2.93	2.72	1986
1987	1.74	0.925	4.45	3.10	0.803	0.722	0.453	0.439	0.380	0.658	1.88	4.59	1.69	1987
1988	1.02	1.72	2.98	1.63	1.00	0.464	0.558	0.474	0.495	1.94	1.70	2.00	1.50	1988
1989	1.66	1.04	2.35	2.52	1.11	0.853	0.436	0.390	0.430	0.460	0.898	0.666	1.07	1989
1990	4.76	5.08	3.79	2.38	1.54	0.774	0.753	0.727	1.07	2.73	2.76	4.38	2.55	1990
MEAN	2.07	2.81	4.97	3.19	1.56	1.03	0.623	0.571	0.776	1.35	1.98	2.55	1.95	MEAN

LOCATION - LAT 42 57 35 N DRAINAGE AREA, 172 km²
LONG 081 37 42 W NATURAL FLOW

SYDENHAM RIVER AT STRATHROY - STATION NO. 02GG005

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)		MAXIMUM DAILY DISCHARGE (m^3/s)		MINIMUM DAILY DISCHARGE (m^3/s)		TOTAL DISCHARGE (dam^3)	YEAR
1966	---		---		---		---	1966
1967	21.4 AT 05:30 EST ON OCT 19		19.9 ON OCT 19		0.550 ON SEP 08		76 000	1967
1968	39.1 AT 14:00 EST ON FEB 02	*	76.7 ON FEB 02	*	0.419 ON JUL 30		71 600	1968
1969	37.1 AT 09:46 EST ON JAN 31		32.8 ON JAN 31		0.286 ON AUG 26		55 900	1969
1970	27.7 AT 18:11 EST ON APR 03		21.5 ON APR 03		0.164 ON AUG 11		42 500	1970
1971	32.3 AT 08:27 EST ON MAR 16		28.0 ON MAR 16		0.161 ON AUG 09		43 100	1971
1972	23.7 AT 18:16 EST ON APR 17		16.9 ON APR 17		0.278 ON SEP 01		51 400	1972
1973	33.4 AT 10:37 EST ON JAN 01		26.1 ON JAN 01		0 ON JUN 22	*	66 000	1973
1974	31.1 AT 18:08 EST ON MAR 05		25.4 ON MAR 05		0.278 ON JUL 23		57 300	1974
1975	36.8 AT 20:20 EST ON MAR 20		27.2 ON MAR 20		0.001 ON AUG 02		56 700	1975
1976	38.8 AT 03:06 EST ON MAR 06		31.1 ON MAR 05		0.269 ON APR 21		80 100	1976
1977	42.2 AT 18:21 EST ON MAR 13		36.8 ON MAR 11		0.082 ON MAY 31		71 500	1977
1978	32.0 AT 09:12 EST ON APR 02		26.9 ON MAR 24		0.144 ON JUL 20		93 400	1978
1979	57.6 AT 12:53 EST ON APR 14		45.2 ON APR 14		0.029 ON AUG 21		62 500	1979
1980	27.7 AT 03:56 EST ON MAR 22		21.1 ON MAR 22		0.132 ON JUL 19		39 800	1980
1981	27.8 AT 06:35 EST ON FEB 24		25.5 ON FEB 20		0 ON JUL 16		64 400	1981
1982	38.9 AT 18:50 EST ON MAR 31		25.8 ON MAR 31		0.244 ON AUG 15		87 000	1982
1983	30.6 AT 08:32 EST ON MAY 03		22.7 ON MAY 03		0.335 ON OCT 11		55 000	1983
1984	54.1 AT 13:16 EST ON FEB 14		45.5 ON FEB 14		0.212 ON AUG 11		64 900	1984
1985	73.3 AT 01:10 EST ON FEB 25		59.9 ON FEB 25		0.400 ON AUG 22		90 600	1985
1986	28.2 AT 20:31 EST ON MAR 11		23.0 ON OCT 01		0.411 ON SEP 09		73 200	1986
1987	25.6 AT 20:30 EST ON MAR 09		19.5 ON MAR 09		0.282 ON SEP 27		53 200	1987
1988	12.3 AT 00:23 EST ON NOV 23		10.0 ON NOV 23		0.248 ON JUL 13		47 300	1988
1989	7.96 AT 05:29 EST ON MAR 20		7.38 ON MAR 20		0.318 ON AUG 26		35 700	1989
1990	39.1 AT 14:43 EST ON FEB 23		30.6 ON FEB 23		0.490E ON AUG 27		80 400	1990
	E - ESTIMATED		* - EXTREME RECORDED FOR THE PERIOD OF RECORD				61 600	MEAN

SYDENHAM RIVER NEAR ALVINSTON - STATION NO. 02GG002

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1947	---	---	---	---	---	---	---	---	1.15	0.581	0.962	---	---	1947
1948	---	---	21.6	7.24	17.8	1.08	0.914	0.773	0.595	0.564	3.83	1.80	---	1948
1949	10.3	22.1	13.0	5.56	1.49	0.481	1.89	0.700	0.703	4.64	5.54	33.8	8.30	1949
1950	27.0	13.8	25.6	23.8	3.18	1.27	1.18	1.36	1.16	1.54	7.09	20.3	10.6	1950
1951	14.9	26.6	22.0	16.7	3.40	2.65	1.69	0.672	0.691	0.774	4.51	3.94	8.08	1951
1952	28.6	11.1	17.4	15.9	6.06	2.55	1.00	1.18	0.946	0.901	1.27	2.52	7.46	1952
1953	4.29	3.14	15.3	7.76	9.44	8.98	2.70	8.30	0.946	0.741	1.05	1.57	5.38	1953
1954	3.10	27.5	29.9	20.7	5.05	2.22	1.24	1.04	1.53	11.8	7.95	13.1	10.3	1954
1955	14.6	19.4	22.0	8.76	2.80	1.41	0.521	0.657	0.652	1.77	8.35	6.97	7.25	1955
1956	2.94	10.9	31.3	14.9	29.0	4.73	5.38	9.44	4.57	2.40	2.79	8.54	10.6	1956
1957	11.2	14.1	11.6	12.4	7.05	2.15	2.70	1.00	2.22	4.48	10.6	24.2	8.62	1957
1958	3.91	5.47	9.91	4.16	1.92	3.00	1.85	0.707	1.35	0.979	1.89	1.16	3.01	1958
1959	4.09	10.6	26.8	13.4	8.35	3.61	1.22	1.56	1.71	6.06	11.0	16.7	8.75	1959
1960	15.1	13.6	12.4	27.1	14.2	13.7	1.28	1.11	0.797	1.01	1.47	0.956	8.50	1960
1961	0.707	11.1	7.75	13.4	5.91	1.74	1.37	4.83	2.11	1.14	3.50	2.93	4.65	1961
1962	4.03	4.80	21.5	4.69	1.97	1.52	0.709	0.770	0.704	1.88	11.0	7.18	5.07	1962
1963	1.90	1.39	22.1	4.99	6.90	1.55	0.899	0.834	0.662	0.670	1.09	0.937	3.70	1963
1964	3.55	3.48	8.07	9.93	5.79	1.12	0.818	2.91	1.66	1.00	1.04	5.32	3.73	1964
1965	10.4	18.6	18.9	20.1	2.62	1.32	1.14	1.53	0.880	2.79	4.85	15.8	8.18	1965
1966	4.20	13.6	13.1	11.2	4.23	4.90	0.894	0.940	0.928	0.942	3.97	19.9	6.53	1966
1967	7.56	4.93	16.4	20.3	6.66	7.02	3.03	1.71	1.32	11.6	15.5	16.7	9.41	1967
1968	11.6	31.1	22.4	8.16	2.92	9.79	5.27	2.39	2.12	2.49	7.15	12.3	9.73	1968
1969	13.1	10.8	8.29	14.9	12.2	5.75	1.80	0.948	0.771	0.970	3.58	6.01	6.56	1969
1970	3.01	7.06	19.4	17.1	4.78	1.51	1.78	0.799	0.855	0.998	4.15	8.47	5.81	1970
1971	2.96	17.7	22.5	7.13	2.13	1.21	0.631	0.660	0.783	0.729	1.03	8.16	5.41	1971
1972	5.63	1.74	17.6	20.0	4.37	1.61	1.79	1.97	0.783	2.57	9.56	16.2	7.01	1972
1973	16.9	6.01	36.6	8.08	7.30	4.26	1.22	1.08	0.744	0.896	8.03	11.6	8.61	1973
1974	17.7	12.1	19.1	12.3	15.4	2.57	1.41	0.782	0.771	0.904	2.18	2.87	7.33	1974
1975	13.5	13.7	20.3	15.8	3.29	4.48	1.54	2.58	5.86	1.97	3.27	8.50	7.86	1975
1976	5.98	30.6	24.1	10.3	12.1	2.68	9.87	5.36	2.91	3.00	4.43	3.06	9.46	1976
1977	1.80	4.39	36.9	12.8	2.79	1.40	1.26	0.926	4.02	4.96	7.71	21.9	8.46	1977
1978	3.10	1.72	18.8	23.0	5.12	2.17	1.07	0.898	0.970	1.39	1.66	3.21	5.27	1978
1979	4.11	1.90	24.5	29.8	5.60	2.55	1.17	0.741	0.797	1.32	5.62	14.5	7.75	1979
1980	5.57	2.71	17.7	14.0	3.91	2.56	1.96	1.65	1.68	2.70	1.83	5.55	5.16	1980
1981	1.16	27.8	7.19	11.3	5.17	1.93	0.882	1.77	7.37	17.7	8.92	8.29	8.14	1981
1982	2.82	1.96	46.5	20.1	3.32	3.36	1.12	1.90	2.20	2.56	14.8	21.5	10.8	1982
1983	6.56	12.5	6.32	11.0	10.7	4.80	1.34	3.39	1.43	1.34	6.17	15.1	7.35	1983
1984	1.47	25.6	20.8	8.13	5.41	11.2	3.91	1.68	4.21	2.05	9.47	12.8	8.80	1984
1985	11.0	30.8	29.2	15.2	2.49	1.80	1.15	1.67	1.85	6.02	20.5	9.25	10.8	1985
1986	13.5	8.70	25.5	8.38	4.12	5.54	2.45	1.71	4.71	16.4	5.75	14.4	9.30	1986
1987	7.01	2.81	17.6	11.6	1.89	1.40	0.616	0.692	0.821	1.63	6.00	17.5	5.83	1987
1988	2.31	5.04	10.5	5.40	2.27	0.840	1.39	0.772	0.717	2.17	9.87	4.55	3.90	1988
1989	6.63	3.32	7.88	8.70	2.53	3.12	1.15	0.649	0.925	0.972	4.80	2.00	3.55	1989
1990	17.0	20.3	15.6	9.56	6.80	2.39	1.53	2.00	3.58	9.21	9.57	16.6	9.45	1990
MEAN	8.42	12.3	19.4	13.2	6.48	3.39	1.83	1.84	1.78	3.28	6.03	10.4	7.39	MEAN

LOCATION - LAT 42 49 48 N
LONG 081 51 09 W

DRAINAGE AREA, 730 km²
NATURAL FLOW

SYDENHAM RIVER NEAR ALVINSTON - STATION NO. 02GG002

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1947	---	---	---	---	1947
1948	---	---	---	---	1948
1949	---	106 ON DEC 22	0.481 ON JUN 01	262 000	1949
1950	---	118 ON APR 04	1.13 ON JUN 07	334 000	1950
1951	---	75.9 ON JAN 04	0.396 ON AUG 25	245 000	1951
1952	---	89.2 ON JAN 02	0.736 ON JUL 09	236 000	1952
1953	---	97.7 ON MAY 31	0.651 ON OCT 05	170 000	1953
1954	---	178 ON FEB 17	0.651 ON AUG 06	325 000	1954
1955	---	69.1 ON FEB 28	0.340 ON JUL 13	229 000	1955
1956	---	136 ON MAR 07	1.70 ON OCT 30	335 000	1956
1957	---	102 ON DEC 21	0.821 ON AUG 10	272 000	1957
1958	---	37.9 ON FEB 28	0.595 ON AUG 22	94 900	1958
1959	---	60.9 ON DEC 13	0.510B ON JAN 19	276 000	1959
1960	---	139 E ON MAR 31	0.765B ON DEC 21	269 000	1960
1961	---	53.0 ON APR 25	0.595B ON FEB 01	147 000	1961
1962	---	73.9B ON MAR 14	0.371 ON JUL 22	160 000	1962
1963	---	88.6 ON MAR 27	0.652 ON OCT 05	117 000	1963
1964	---	31.7 ON APR 07	0.521 ON AUG 01	118 000	1964
1965	158 AT 22:00 EST ON MAR 06	130 ON MAR 07	0.708 ON SEP 22	258 000	1965
1966	120 AT 17:30 EST ON DEC 07	100 ON DEC 08	0.595 ON JUL 15	206 000	1966
1967	114 AT 08:00 EST ON APR 03	103 ON APR 03	0.954 ON SEP 15	297 000	1967
1968	237 B AT 17:45 EST ON FEB 02	189 B ON FEB 02	1.40 ON SEP 01	308 000	1968
1969	73.1 AT 16:59 EST ON APR 05	66.8 ON FEB 01	0.705 ON SEP 04	207 000	1969
1970	128 AT 00:32 EST ON APR 03	108 ON APR 03	0.572 ON AUG 17	183 000	1970
1971	---	79.3B ON FEB 28	0.368 ON AUG 09	170 000	1971
1972	134 AT 10:34 EST ON APR 17	114 ON APR 17	0.694 ON SEP 23	222 000	1972
1973	129 AT 00:00 EST ON JAN 01	104 ON MAR 12	0.609 ON SEP 14	272 000	1973
1974	104 AT 18:48 EST ON MAR 05	96.6 ON MAR 05	0.079 ON AUG 31 *	231 000	1974
1975	99.1 AT 19:37 EST ON APR 19	83.5 ON FEB 24	0.858 ON AUG 03	248 000	1975
1976	---	109 B ON FEB 19	1.57 ON SEP 09	299 000	1976
1977	107 AT 16:30 EST ON MAR 10	96.3 ON MAR 10	0.756 ON JUL 29	267 000	1977
1978	---	80.4B ON MAR 24	0.541 ON JUL 22	166 000	1978
1979	238 AT 06:31 EST ON APR 14 *	207 ON APR 14 *	0.480E ON JUL 25	244 000	1979
1980	90.0 AT 01:00 EST ON MAR 22	72.2 ON MAR 22	0.700 ON AUG 31	163 000	1980
1981	96.4 AT 10:50 EST ON OCT 02	86.0B ON FEB 20	0.415 ON JUL 18	257 000	1981
1982	158 B AT 13:52 EST ON MAR 14	139 B ON MAR 14	0.648 ON JUL 25	342 000	1982
1983	115 AT 23:02 EST ON MAY 02	84.9 ON MAY 03	0.764 ON JUL 28	232 000	1983
1984	---	169 B ON FEB 14	1.06 ON AUG 28	278 000	1984
1985	217 AT 19:26 EST ON FEB 24	196 ON FEB 24	0.652 ON AUG 04	340 000	1985
1986	---	90.0B ON MAR 11	0.873 ON SEP 09	293 000	1986
1987	---	65.0B ON MAR 02	0.273 ON JUL 31	184 000	1987
1988	35.3 AT 08:11 EST ON MAR 26	32.2 ON MAR 26	0.417 ON JUL 15	123 000	1988
1989	34.5 AT 21:37 EST ON MAR 18	29.5 ON MAR 19	0.579 ON AUG 10	112 000	1989
1990	126 AT 07:09 EST ON FEB 23	110 ON FEB 23	0.893 ON JUL 29	298 000	1990
				233 000	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

SYDENHAM RIVER NEAR DRESDEN - STATION NO. 02GG007

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1967	---	---	28.8	33.6	10.4	8.55	4.82	1.91	1.40	14.3	23.5	28.3	---	1967
1968	13.1	54.1	34.3	22.1	5.07	15.0	7.18	3.06	2.27	2.28	7.45	16.4	14.2	1968
1969	24.3	16.5	12.8	26.1	19.1	10.7	3.30	1.23	0.839	1.09	5.84	10.4	11.0	1969
1970	3.63	8.89	21.9	26.9	6.46	3.30	2.45	0.996	1.07	1.26	7.93	13.4	8.16	1970
1971	4.59	22.7	34.2	12.1	2.69	1.72	0.608	0.439	0.739	0.718	1.12	13.0	7.80	1971
1972	10.8	3.43	36.7	31.3	6.53	2.24	2.87	3.42	0.938	3.62	18.6	26.5	12.3	1972
1973	27.1	10.6	59.1	14.8	12.2	6.19	1.50	1.15	0.731	0.879	8.57	18.5	13.5	1973
1974	29.1	20.6	34.9	21.4	25.2	3.37	1.80	0.955	0.820	0.925	2.35	5.01	12.2	1974
1975	25.2	24.5	34.0	23.9	5.09	6.91	1.82	3.56	15.2	2.93	4.62	16.2	13.6	1975
1976	10.4	53.8	38.2	17.4	20.5	4.21	21.6	7.97	3.15	3.47	5.13	3.64	15.7	1976
1977	2.26	6.08	61.5	23.9	4.15	1.66	1.62	1.10	6.77	9.09	13.2	42.3	14.6	1977
1978	5.12	4.33	33.1	40.0	6.77	2.77	1.19	1.13	1.05	1.53	1.93	4.40	8.62	1978
1979	8.26	3.88	34.2	50.8	8.65	3.87	1.81	1.10	0.965	1.57	9.53	26.8	12.6	1979
1980	7.98	3.51	29.3	25.1	6.29	4.75	4.10	4.52	2.52	3.40	2.34	8.14	8.52	1980
1981	1.78	43.6	11.2	18.7	8.58	2.90	1.47	2.12	0.95	31.8	14.3	12.5	12.9	1981
1982	18.7	3.55	69.1	36.7	4.21	9.62	1.82	2.15	3.89	3.77	27.2	37.8	17.9	1982
1983	10.2	20.2	10.1	19.0	30.6	7.44	2.36	6.06	1.88	1.63	10.5	27.0	12.2	1983
1984	3.48	50.1	38.7	14.5	---	---	---	---	---	---	---	---	---	1984
MEAN	12.1	20.6	34.5	24.9	10.7	5.43	3.67	2.52	3.13	4.96	9.67	18.2	12.2	MEAN

LOCATION - LAT 42 35 38 N
LONG 082 06 31 W
DRAINAGE AREA, 1 240 km^2
NATURAL FLOW

REMARKS - STATION DISCONTINUED MAY 3 1984

SYDENHAM RIVER NEAR DRESDEN - STATION NO. 02GG007

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1967	144 AT 02:30 EST ON DEC 23	137 ON DEC 23	---	---	1967
1968	326B AT 12:30 EST ON FEB 03 *	317 B ON FEB 03 *	0.949 ON JUN 24	449 000	1968
1969	117B AT 14:26 EST ON FEB 01	113 B ON FEB 01	0.765E ON SEP 16	346 000	1969
1970	155 AT 03:29 EST ON APR 04	148 ON APR 04	0.643E ON SEP 10	257 000	1970
1971	---	94.6B ON FEB 28	0.289 ON AUG 14 *	246 000	1971
1972	132 AT 12:45 EST ON APR 18	126 ON APR 18	0.784 ON SEP 07	388 000	1972
1973	144 AT 23:41 EST ON MAR 12	133 ON MAR 13	0.617 ON SEP 12	427 000	1973
1974	129 AT 08:57 EST ON MAR 06	126 ON MAR 06	0.716 ON SEP 04	384 000	1974
1975	137 AT 12:21 EST ON FEB 25	132 ON FEB 25	0.900 ON AUG 02	428 000	1975
1976	---	159 B ON FEB 19	1.51 ON SEP 09	496 000	1976
1977	147 AT 07:00 EST ON MAR 14	145 ON MAR 14	0.801 ON JUL 31	460 000	1977
1978	---	130 B ON MAR 24	0.651 ON SEP 11	272 000	1978
1979	257 AT 06:31 EST ON APR 15	245 ON APR 15	0.658 ON SEP 13	399 000	1979
1980	119 AT 21:51 EST ON MAR 22	110 ON MAR 22	1.14 ON AUG 31	270 000	1980
1981	139B AT 16:59 EST ON FEB 20	138 B ON FEB 21	0.943 ON JUL 19	408 000	1981
1982	187 AT 00:01 EST ON MAR 18	185 B ON MAR 17	1.01 ON JUL 26	564 000	1982
1983	142 AT 02:58 EST ON MAY 04	131 ON MAY 04	0.984 ON SEP 15	385 000	1983
1984	271 AT 10:41 EST ON FEB 15	262 ON FEB 15	---	---	1984
				386 000	MEAN

B - ICE CONDITIONS
E - ESTIMATED

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

SYDENHAM RIVER NEAR OWEN SOUND - STATION NO. 02FB007

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1915	---	---	---	---	---	---	0.640	0.771	0.850	1.16	1.80	1.66	---	1915
1916	6.19	2.84	4.33	10.5	4.29	4.65	1.10	0.639	0.546	0.771	1.09	1.18	3.34	1916
1917	4.34	1.13	6.03	7.86	2.94	2.62	5.64	1.07	0.702	1.17	1.32	1.43	2.78	1917
1918	2.67	2.16	9.65	6.63	2.32	1.11	0.646	0.450	0.537	0.676	1.80	3.82	2.80	1918
1919	2.81	2.06	7.69	4.20	3.11	0.925	0.553	0.461	0.434	0.694	2.16	3.22	2.37	1919
1920	1.82	2.23	14.4	5.95	2.35	1.15	0.966	0.603	0.401	0.856	3.00	3.66	3.13	1920
1921	6.58	1.31	9.75	4.11	2.44	2.87	1.10	0.905	0.816	1.10	1.48	4.06	3.14	1921
1922	1.79	1.72	5.61	8.22	2.08	0.971	1.25	0.501	0.548	0.542	0.719	0.763	2.42	1922
1923	0.680	0.566	5.62	9.77	4.77	1.43	0.575	0.394	0.450	0.402	0.726	1.56	2.24	1923
1924	1.69	1.65	4.62	8.71	5.59	2.54	1.26	1.55	0.886	0.883	0.660	2.51	2.71	1924
1925	0.846	4.03	7.89	4.55	1.53	1.10	0.873	0.573	0.504	0.758	2.94	2.43	2.32	1925
1926	2.12	1.73	2.07	9.35	4.76	2.43	0.769	0.650	0.761	1.19	---	---	---	1926
1945	---	---	---	---	---	---	---	---	---	1.39	1.36	---	---	1945
1946	---	---	7.48	1.81	1.39	0.816	0.374	0.249	0.325	0.337	0.636	1.22	---	1946
1947	---	---	---	16.7	4.55	2.22	1.40	0.683	0.325	0.334	0.659	1.24	---	1947
1948	---	---	12.4	4.25	2.20	0.765	0.358	0.220	0.140	0.267	0.863	0.617	---	1948
1949	4.52	1.55	7.35	3.86	1.05	0.427	0.228	0.168	0.145	0.269	0.383	4.14	2.02	1949
1950	5.55	2.86	7.38	10.2	1.72	1.31	0.672	0.543	0.766	0.651	2.77	4.19	3.22	1950
1951	6.84	4.36	9.43	12.2	3.19	0.849	1.12	1.15	1.04	3.94	6.81	4.91	4.64	1951
1952	8.67	5.15	6.42	10.6	2.41	0.968	0.252	0.429	0.540	0.375	1.04	2.67	3.35	1952
1953	2.09	2.41	6.07	7.10	2.19	2.65	2.49	0.540	0.969	0.789	0.910	1.60	2.15	1953
1954	1.50	5.05	9.08	7.59	1.94	1.30	0.318	0.662	3.00	9.94	3.20	1.89	3.78	1954
1955	2.62	4.36	7.70	7.37	1.99	0.995	0.310	0.214	0.147	0.471	1.31	1.27	2.38	1955
1956	1.12	1.03	2.72	8.57	1.82	2.68	1.48	0.544	2.89	1.53	1.57	3.58	2.63	1956
1957	2.42	2.89	4.48	4.20	1.90	1.03	1.40	0.407	2.60	1.16	4.69	6.34	2.98	1957
1958	2.19	1.67	3.25	3.89	0.974	0.788	0.377	0.239	0.303	0.355	0.925	0.903	1.32	1958
1959	1.19	1.20	4.49	11.9	3.88	1.06	0.507	0.497	0.537	1.04	4.45	3.37	2.85	1959
1960	2.79	2.56	1.69	10.9	7.40	2.12	0.860	0.633	0.628	0.717	1.89	0.979	2.75	1960
1961	1.42	2.23	7.95	4.68	2.64	1.63	0.912	0.748	1.16	0.953	2.70	4.17	2.59	1961
1962	1.76	3.28	6.81	6.04	1.74	0.775	0.521	0.387	0.434	0.720	0.891	1.97	2.10	1962
1963	1.10	0.883	5.92	4.14	4.84	1.79	0.557	0.711	0.420	0.345	0.737	0.700	1.85	1963
1964	2.29	2.25	6.21	1.79	1.31	0.454	0.284	0.300	0.246	0.368	0.610	1.97	1.51	1964
1965	1.82	5.12	2.88	13.2	2.90	0.751	0.512	0.482	0.464	1.95	1.76	4.78	2.95	1965
1966	4.00	5.39	5.68	8.44	1.77	0.934	0.359	0.326	0.318	0.356	0.986	3.56	2.24	1966
1967	2.58	2.44	3.47	8.75	1.87	2.19	1.65	0.779	0.757	2.27	6.63	5.53	3.25	1967
1968	2.35	7.34	7.41	4.81	2.67	1.26	0.646	1.13	0.983	1.01	2.16	4.73	3.03	1968
1969	4.45	4.57	4.63	11.1	5.56	3.19	1.65	1.04	0.679	1.33	2.84	2.46	3.61	1969
1970	1.58	1.85	2.70	10.8	2.79	1.04	1.50	0.606	1.15	1.83	2.15	3.00	2.57	1970
1971	2.23	2.33	6.16	12.1	2.67	1.29	0.976	0.616	0.620	0.830	1.12	4.73	2.78	1971
1972	2.71	2.71	3.02	14.2	3.79	1.75	1.73	1.27	0.701	1.18	2.42	4.08	3.20	1972
1973	8.43	3.59	7.45	4.91	2.85	1.78	0.638	0.615	0.424	0.679	5.64	3.96	3.15	1973
1974	4.77	2.93	6.32	7.52	3.77	1.71	0.795	0.795	0.928	2.20	4.33	2.71	3.23	1974
1975	3.90	3.16	6.27	10.7	2.79	1.16	0.727	0.637	0.900	0.856	1.23	2.75	2.92	1975
1976	1.79	5.05	14.6	4.35	2.64	1.17	2.09	1.49	1.53	1.93	4.13	2.89	3.62	1976
1977	2.76	1.44	12.4	5.33	1.49	0.839	0.807	1.09	1.96	5.40	8.65	4.82	3.81	1977
1978	3.28	2.44	2.48	11.6	2.64	1.25	0.788	0.732	1.67	1.73	2.33	2.55	2.68	1978
1979	3.28	2.41	14.3	9.82	3.90	1.40	0.836	1.51	1.25	2.44	3.76	7.84	4.42	1979
1980	4.88	1.68	7.15	8.25	2.53	2.49	5.24	2.29	2.03	2.78	3.12	4.75	3.95	1980
1981	1.36	9.27	4.83	4.50	2.54	1.78	1.21	0.947	1.89	2.31	2.55	2.87	3.04	1981
1982	2.31	1.14	1.91	13.8	2.25	1.26	1.52	1.11	1.04	1.18	3.10	6.21	3.22	1982
1983	3.82	3.78	4.06	4.13	4.55	2.01	0.795	0.715	1.03	1.20	4.40	2.92	2.60	1983
1984	1.88	9.27	5.61	5.26	2.55	1.48	0.766	0.606	1.01	0.990	3.75	4.73	3.13	1984
1985	3.86	5.39	11.3	9.90	2.42	1.52	0.935	0.769	1.95	1.97	4.83	2.64	3.93	1985
1986	2.63	2.47	10.6	6.78	3.45	1.57	1.09	0.830	4.20	6.97	2.89	3.42	3.87	1986
1987	4.39	2.04	6.70	5.49	1.81	1.55	1.33	0.953	0.920	2.18	4.87	5.98	3.02	1987
1988	3.77	5.45	6.14	5.06	2.33	1.06	0.724	0.954	1.24	1.03	5.22	3.26	3.17	1988
1989	5.29	3.07	8.17	6.36	2.79	2.62	0.895	0.497	0.432	0.530	1.39	1.62	2.80	1989
1990	5.41	3.07	8.29	4.61	2.43	1.31	1.23	0.644	0.615	1.96	5.38	5.28	3.36	1990
MEAN	3.09	3.15	6.74	7.51	2.90	1.59	1.07	0.746	0.949	1.52	2.49	3.16	2.94	MEAN

LOCATION - LAT 44 31 21 N DRAINAGE AREA, 181 km²
LONG 080 55 51 W NATURAL FLOW

SYDENHAM RIVER NEAR OWEN SOUND - STATION NO. 02FB007

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1915	---	---	---	---	1915
1916	---	24.2 ON APR 01	0.425 ON SEP 09	106 000	1916
1917	---	20.0 ON MAR 27	0.453 ON JAN 20	87 700	1917
1918	---	23.2 ON MAR 22	0.085 ON FEB 08	88 200	1918
1919	---	27.8 ON MAR 18	0.340 ON AUG 08	74 700	1919
1920	---	36.8 ON MAR 16	0.368 ON SEP 23	98 900	1920
1921	---	16.3 ON MAR 21	0.510 ON AUG 30	99 200	1921
1922	---	20.4 ON MAR 14	0.311 ON AUG 20	76 400	1922
1923	---	25.2 ON APR 09	0.311 ON AUG 12	70 500	1923
1924	---	25.2 ON APR 06	0.538 ON SEP 24	85 800	1924
1925	---	11.4 ON MAR 27	0.453 ON AUG 19	73 200	1925
1926	---	22.2 ON APR 23	---	---	1926
1945	---	---	---	---	1945
1946	---	24.4 ON MAR 08	0.085 ON AUG 06	---	1946
1947	---	27.7 ON APR 12 *	0.199 ON SEP 07	---	1947
1948	---	50.9 ON MAR 20	0.085 ON AUG 24	---	1948
1949	---	26.6 ON MAR 28	0.057 ON SEP 16	63 700	1949
1950	---	41.3 ON MAR 28	0.283 ON JUL 16	101 000	1950
1951	---	22.7 ON MAR 31	0.283 ON AUG 12	146 000	1951
1952	---	21.2 ON APR 15	0.028 ON JUL 17 *	106 000	1952
1953	---	10.2 ON MAR 17	0.283 ON AUG 30	67 800	1953
1954	---	42.8 ON OCT 16	0.028 ON JUL 25	119 000	1954
1955	---	19.1 ON MAR 12	0.085 ON SEP 26	75 100	1955
1956	---	35.7 ON APR 05	0.425 ON JUL 31	83 200	1956
1957	---	16.8 ON DEC 22	0.255 ON SEP 01	93 000	1957
1958	---	9.83 ON MAR 30	0.170 ON AUG 18	41 600	1958
1959	28.2 AT 12:00 EST ON APR 06	26.0 ON APR 06	0.283 ON JUL 08	89 800	1959
1960	---	40.2 ON APR 04	0.396 ON OCT 08	87 000	1960
1961	---	17.6 ON DEC 10	0.142 ON AUG 22	81 500	1961
1962	---	24.0 ON MAR 20	0.142 ON AUG 13	66 300	1962
1963	---	39.7 B ON MAR 28	0.184 ON NOV 15	58 500	1963
1964	---	16.1 ON MAR 06	0.176 ON SEP 21	47 800	1964
1965	49.6 AT 18:30 EST ON APR 12	37.4 ON APR 12	0.345 ON AUG 02	93 000	1965
1966	28.2 AT 19:30 EST ON FEB 11	20.3 ON FEB 11	0.229 ON SEP 12	70 700	1966
1967	35.7 AT 15:00 EST ON APR 02	31.4 ON APR 02	0.473 ON SEP 16	103 000	1967
1968	47.3B AT 09:45 EST ON FEB 03	41.3 B ON FEB 03	0.402 ON AUG 16	95 700	1968
1969	39.6 AT 06:43 EST ON APR 06	24.6 ON APR 06	0.510 ON SEP 04	114 000	1969
1970	27.0 AT 03:35 EST ON APR 16	25.3 ON APR 15	0.425 ON AUG 29	81 200	1970
1971	25.3 AT 21:00 EST ON APR 13	23.8 ON APR 13	0.391 ON AUG 20	87 700	1971
1972	45.3 AT 07:55 EST ON APR 15	43.6 ON APR 15	0.476 ON SEP 24	101 000	1972
1973	27.2 AT 17:24 EST ON JAN 01	23.8 ON JAN 01	0.354 ON SEP 14	98 300	1973
1974	33.4 AT 18:19 EST ON APR 04	27.6 ON APR 05	0.439 ON AUG 23	102 000	1974
1975	58.5 AT 14:04 EST ON APR 19 *	49.0 ON APR 19	0.530 ON AUG 21	92 100	1975
1976	46.4 AT 11:56 EST ON MAR 21	42.2 ON MAR 21	0.739 ON AUG 25	114 000	1976
1977	----	43.9 B ON MAR 14	0.487 ON JUL 26	120 000	1977
1978	21.4 AT 05:05 EST ON APR 12	20.8 ON APR 12	0.572 ON AUG 14	84 400	1978
1979	32.7 AT 00:01 EST ON DEC 28	29.0 ON DEC 25	0.651 ON AUG 01	139 000	1979
1980	31.7 AT 02:55 EST ON MAR 22	30.4 ON MAR 22	0.929 ON JUL 14	125 000	1980
1981	36.2B AT 14:08 EST ON FEB 20	34.1 B ON FEB 20	0.550E ON JUL 31	95 900	1981
1982	56.5 AT 15:00 EST ON APR 01	53.6 B ON APR 01	0.776 ON SEP 13	102 000	1982
1983	10.3 AT 13:45 EST ON MAY 09	9.92 ON MAY 09	0.578 ON SEP 13	82 100	1983
1984	39.8 AT 05:27 EST ON FEB 15	37.0 B ON FEB 15	0.520 ON AUG 26	99 000	1984
1985	30.4 AT 07:50 EST ON MAR 29	28.9 ON MAR 29	0.648 ON AUG 23	124 000	1985
1986	23.8 AT 10:00 EST ON MAR 26	22.7 ON MAR 27	0.633 ON SEP 09	122 000	1986
1987	13.8 AT 03:57 EST ON MAR 27	12.6 ON MAR 27	0.596 ON SEP 16	95 100	1987
1988	21.6 AT 15:24 EST ON FEB 01	19.3 B ON MAR 27	0.602 ON JUL 09	100 000	1988
1989	39.0 AT 00:55 EST ON MAR 29	37.2 ON MAR 29	0.358 ON SEP 20	88 400	1989
1990	35.5 AT 09:00 EST ON MAR 13	33.3 B ON MAR 13	0.493 ON SEP 03	106 000	1990
	B - ICE CONDITIONS E - ESTIMATED	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		92 800	MEAN

TAY RIVER AT PORT ELMSLEY - STATION NO. 02LA016

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1982	---	---	---	---	---	---	3.40	4.24	4.22	4.98	4.70	15.6	---	1982
1983	15.4	12.2	11.1	19.1	24.6	5.46	3.37	4.19	3.77	3.76	7.79	15.1	10.5	1983
1984	10.1	19.9	17.0	36.0	18.6	4.62	3.82	3.82	2.53	2.39R	2.58R	3.23	10.3 R	1984
1985	3.87	5.34	22.5	20.5	3.58	1.74	2.30	3.14	4.38	3.51	7.49	9.68	7.34	1985
1986	8.48	7.03	14.7	10.0	7.95	6.30	3.63	5.98	11.3	19.3	13.9	15.3	10.4	1986
1987	11.3	9.86	15.6	18.7	6.41	---	---	---	---	---	---	---	---	1987
1988	---	---	17.1	18.0	7.01	---	---	---	---	---	---	---	---	1988
MEAN	9.83	10.9	16.3	20.4	11.4	4.53	3.30	4.27	5.24	6.79R	7.29R	11.8	9.64R	MEAN

LOCATION - LAT 44 53 34 N DRAINAGE AREA, 786 km²
LONG 076 07 25 W REGULATED

R - REVISED SINCE JAN 01 1989

REMARKS - SEASONAL OPERATION (FRESHET-MAY 31) EFFECTIVE 1987.

TAY RIVER AT PORT ELMSLEY - STATION NO. 02LA016

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1982	---	---	---	---	1982
1983	37.6 AT 13:33 EST ON MAY 10	36.3 ON MAY 10	1.59 ON NOV 01	331 000	1983
1984	66.3 AT 21:15 EST ON APR 07 *	64.8 ON APR 07 *	2.01 R ON NOV 03	326 000	1984
1985	---	41.0B ON MAR 15	0.395 ON MAY 31 *	231 000	1985
1986	---	40.0B ON MAR 21	2.06 ON MAY 15	326 000	1986
1987	41.4 AT 08:56 EST ON MAR 27	40.9 ON MAR 27	---	---	1987
1988	53.0 AT 17:43 EST ON MAR 27	50.5 ON MAR 27	---	---	1988
	B - ICE CONDITIONS	* - EXTREME RECORDED FOR THE PERIOD OF RECORD R - REVISED SINCE JAN 01 1989		304 000	MEAN

TAY RIVER BELOW BOBS LAKE - STATION NO. 02LA017

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1984	5.26	6.19	8.98	9.07	7.70	2.43	4.36	3.20	2.22	1.92	1.99	1.94	4.60	1984
1985	2.35	2.32	5.91	8.80	0.614	2.03	---	---	---	---	---	---	---	1985
1990	2.42	4.81	3.27	5.29	9.88	4.85	4.52	2.88	2.00	---	---	---	---	1990
MEAN	3.34	4.44	6.05	7.72	6.06	3.10	4.44	3.04	2.11	1.92	1.99	1.94	4.60	MEAN

LOCATION - LAT 44 45 36 N LONG 076 31 17 W DRAINAGE AREA, 357 km^2 REGULATED

REMARKS - STATION DISCONTINUED JUN 30 1985 TO OCT 1989

TAY RIVER BELOW BOBS LAKE - STATION NO. 02LA017

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1984	12.4 AT 17:13 EST ON APR 30	12.0 ON APR 22 *	1.20 ON JUN 11	146 000	1984
1985	9.91 AT 03:55 EST ON APR 14	9.84 ON APR 13	0.438 ON MAY 22 *	---	1985
1990	13.9 AT 10:13 EST ON APR 28 *	---	---	---	1990
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		146 000	MEAN

TAY RIVER NEAR GLEN TAY - STATION NO. 02LA001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1915	---	---	---	---	---	---	---	1.95	2.04	1.57	2.17	2.79	---	1915
1916	4.46	4.34	10.0	14.4	14.1	21.3	10.3	5.59	4.21	2.08	1.89	1.39	7.84	1916
1917	1.52	1.94	8.02	7.90	3.40	3.66	3.61	4.62	3.37	4.22	4.23	4.49	4.29	1917
1918	4.00	4.79	17.8	13.7	5.13	5.29	6.07	5.28	6.57	5.77	6.64	7.41	7.19	1918
1919	7.12	5.89	10.8	12.2	17.9	13.5	8.39	7.38	5.83	---	---	---	---	1919
1920	---	---	---	---	---	---	---	---	---	3.38	2.48	3.44	---	1920
1921	3.34	3.07	13.9	9.18	9.63	4.32	4.59	4.14	4.24	2.83	4.11	4.48	5.67	1921
1922	2.75	2.91	14.9	13.5	10.7	6.57	4.91	4.26	4.71	4.58	3.14	3.48	6.41	1922
1923	2.89	2.44	3.14	10.8	2.91	4.02	3.51	3.39	3.21	2.78	2.87	3.71	3.75	1923
1924	3.16	6.36	11.3	10.4	12.0	8.05	3.75	3.46	3.41	4.40	3.30	2.69	6.02	1924
1925	1.76	10.4	18.3	12.0	6.12	4.65	4.50	3.42	4.34	3.80	6.53	8.10	6.96	1925
1926	7.28	5.49	7.36	21.5	13.1	4.49	5.41	4.71	4.46	5.57	---	---	---	1926
MEAN	3.61	4.76	11.6	12.6	9.50	7.59	5.50	4.38	4.22	3.73	3.74	4.20	6.02	MEAN

LOCATION - LAT 44 52 37 N LONG 076 18 08 W DRAINAGE AREA, 528 km^2 REGULATED DATA CONTRIBUTED BY - ONTARIO HYDRO

TAY RIVER NEAR GLEN TAY - STATION NO. 02LA001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1915	---	---	---	---	1915
1916	---	40.2 ON MAR 31	1.08 ON DEC 15 *	248 000	1916
1917	---	40.2 ON MAR 24	1.08 ON JAN 29	135 000	1917
1918	---	37.4 ON MAR 24	1.33 ON JAN 01	227 000	1918
1919	---	34.8 ON MAY 23	---	---	1919
1920	---	---	---	---	1920
1921	---	40.5 ON MAR 09	1.98 ON OCT 26	179 000	1921
1922	---	43.9 ON MAR 09	1.50 ON DEC 29	202 000	1922
1923	---	34.3 ON APR 07	1.27 ON JUN 04	118 000	1923
1924	---	26.2 ON APR 07	1.93B ON DEC 31	190 000	1924
1925	---	45.6 ON MAR 20	1.56B ON JAN 27	220 000	1925
1926	---	47.9 ON APR 23 *	---	---	1926
	B - ICE CONDITIONS	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		190 000	MEAN

TEESWATER RIVER NEAR PAISLEY - STATION NO. 02FC015

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1972	9.05	6.34	11.4	44.0	10.1	5.65	7.27	3.08	1.77	3.84	6.28	13.6	10.2	1972
1973	31.8	9.80	28.9	14.4	8.39	3.86	1.91	1.63	0.875	1.20	1.98	5.05	9.13	1973
1974	10.0	10.5	23.7	22.6	15.0	4.73	1.94	1.85	1.27	2.44	8.06	6.96	9.04	1974
1975	12.4	12.4	24.8	31.4	9.57	3.68	1.86	4.97	5.94	5.00	6.24	19.2	11.4	1975
1976	9.29	22.4	61.1	20.0	10.4	3.56	4.37	1.91	2.48	3.57	7.89	5.57	12.7	1976
1977	3.97	5.27	54.3	20.3	3.76	2.04	1.70	7.74	7.01	14.7	15.1	13.9	12.6	1977
1978	7.91	5.79	11.8	35.7	8.69	4.63	1.96	1.79	6.23	6.63	5.04	6.81	8.56	1978
1979	8.20	5.92	40.0	36.3	10.1	2.87	2.92	2.34	1.34	5.13	9.92	20.4	12.2	1979
1980	8.80	3.94	20.2	36.6	8.38	4.21	2.98	2.45	2.79	6.74	7.31	11.8	9.68	1980
1981	4.40	35.0	26.6	14.4	10.0	3.60	2.43	2.76	5.72	6.82	8.28	9.57	10.6	1981
1982	6.22	3.37	21.8	45.2	6.25	14.2	3.48	4.10	3.47	3.41	13.0	24.3	12.4	1982
1983	11.9	14.9	11.5	13.2	11.4	4.90	2.78	3.22	4.15	5.13	6.33	11.4	8.36	1983
1984	6.21	38.0	22.8	17.1	10.0	5.79	2.57	1.60	2.67	2.65	10.6	12.3	10.9	1984
1985	9.99	15.7	45.7	51.3	7.96	4.44	2.28	2.53	3.28	3.94	10.9	8.18	13.8	1985
1986	7.26	6.25	37.7	20.0	7.33	5.70	2.57	2.89	29.9	23.8	9.26	11.4	11.7	1986
1987	6.74	5.03	26.6	15.3	3.99	2.89	2.27	2.17	1.80	3.87	14.7	20.0	8.98	1987
1988	9.47	15.4	23.6	10.8	7.24	2.19	1.21	1.43	1.54	6.26	15.1	14.7	9.71	1988
1989	11.8	7.09	21.2	10.5	6.33	6.37	1.98	1.43	1.12	1.41	5.04	4.40	7.22	1989
1990	20.5	14.5	31.4	14.6	8.17	3.09	1.95	1.62	1.36	6.55	17.4	18.9	11.7	1990
MEAN	10.3	12.5	28.7	25.8	8.58	4.65	2.68	2.71	4.46	6.06	9.50	12.5	10.7	MEAN

LOCATION - LAT 44 16 07 N
LONG 081 16 09 W
DRAINAGE AREA, 663 km²
NATURAL FLOW

TEESWATER RIVER NEAR PAISLEY - STATION NO. 02FC015

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1972	105 AT 21:06 EST ON APR 18	95.7 ON APR 18	1.29 ON SEP 19	322 000	1972
1973	75.3 AT 00:00 EST ON JAN 01	56.9 ON JAN 03	0.637 ON OCT 07 *	294 000	1973
1974	80.4 AT 23:47 EST ON MAR 03	68.0 ON MAR 07	0.974 ON SEP 11	285 000	1974
1975	109 E AT 04:00 EST ON APR 19	76.7 ON APR 21	1.09 ON AUG 20	361 000	1975
1976	136 AT 04:40 EST ON MAR 21	104 ON MAR 21	1.18 ON AUG 31	402 000	1976
1977	142 AT 20:30 EST ON MAR 15 *	124 ON MAR 16 *	0.923 ON JUL 30	396 000	1977
1978	69.9 AT 19:45 EST ON APR 07	63.7 ON APR 11	1.23 ON SEP 02	270 000	1978
1979	81.8 AT 00:09 EST ON MAR 25	79.1 ON MAR 25	0.807 ON SEP 29	383 000	1979
1980	80.8 AT 07:21 EST ON APR 04	74.1 ON APR 04	1.60 ON AUG 27	306 000	1980
1981	133 AT 16:06 EST ON FEB 23	117 ON FEB 23	1.47 ON JUL 25	335 000	1981
1982	119 AT 18:56 EST ON MAR 31	107 ON MAR 31	2.07 ON JUL 24	391 000	1982
1983	31.6 AT 01:53 EST ON JAN 11	26.3 ON JAN 11	1.30 ON SEP 10	264 000	1983
1984	---	80.0B ON FEB 14	1.02 ON AUG 18	345 000	1984
1985	116 AT 03:24 EST ON APR 06	107 ON APR 06	1.39 ON JUL 25	435 000	1985
1986	117 AT 00:42 EST ON SEP 12	79.8 ON SEP 12	1.66 ON SEP 09	433 000	1986
1987	46.3 AT 22:20 EST ON MAR 26	45.6 ON MAR 26	0.852 ON SEP 05	283 000	1987
1988	60.0 AT 18:01 EST ON MAR 25	57.0 ON MAR 30	0.787 ON OCT 01	307 000	1988
1989	95.5 AT 23:10 EST ON MAR 28	77.8 ON MAR 29	0.721 ON SEP 30	228 000	1989
1990	92.5 AT 06:05 EST ON MAR 12	82.8B ON MAR 12	0.871 ON AUG 25	368 000	1990
				337 000	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

TEMAGAMI RIVER AT CROSS LAKE DAM - STATION NO. 02DC007

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1938	---	---	---	---	---	1.67	0	0	---	11.9	0.859	0	---	1938
1939	---	---	---	---	---	10.4	0	4.75	7.14	0	0.873	17.1	---	1939
1940	19.6	18.8	18.0	3.98	---	13.4	8.68	0	26.9	1.14	0.417	11.3	---	1940
1941	25.5	41.0	20.9	12.2	15.1	0	22.7	8.22	0.444	7.61	47.2	20.5	20.6	1941
1942	23.0	26.9	29.9	24.4	0	0	0	0	3.20	9.43	11.7	5.66	11.3	1942
1943	16.6	26.0	18.9	20.3	6.52	27.2	4.90	0	12.7	11.4	0	3.15	12.3	1943
1944	29.1	24.3	13.0	5.11	0	0	0	0	0	0	0.440	15.4	7.25	1944
1945	23.0	24.0	16.5	0	2.32	30.2	0	0	6.51	10.6	21.1	28.2	13.4	1945
1946	28.3	24.5	14.5	0	4.34	5.19	1.34	11.4	0	17.7	16.6	6.97	11.0	1946
1947	21.9	25.4	19.4	4.97	43.1	71.0	20.5	6.13	0	9.36	27.5	23.0	22.6	1947
1948	13.1	10.1	6.80	0	7.79	0.976	0	0	12.0	18.0	0	9.42	6.52	1948
1949	10.6	15.4	15.3	5.23	16.1	24.0	12.7	4.17	20.6	14.2	19.3	16.7	15.2	1949
1950	15.3	15.3	15.1	0	0	1.45	8.97	6.65	6.41	4.60	5.07	27.6	8.87	1950
1951	20.0	14.2	13.3	0	16.8	13.2	11.7	12.8	2.14	24.9	50.1	37.5	18.2	1951
1952	29.7	24.9	25.7	2.27	0.022	26.7	4.02	0.210	0.187	0.699	0	0.530	9.73	1952
1953	13.9	27.6	29.5	13.5	18.4	12.9	2.35	12.8	15.3	4.85	0	0	13.0	1953
1954	9.88	21.4	3.66	0	0	46.6	13.6	13.0	0	0	8.50	24.5	11.7	1954
1955	20.7	25.5	26.2	10.6	0	10.9	2.08	0	0	0	7.72	9.13	9.29	1955
1956	28.5	28.2	22.5	0	6.36	37.9	14.7	5.69	12.3	6.86	12.5	13.6	15.2	1956
1957	20.9	25.8	22.7	2.02	0	13.9	44.9	7.41	11.7	0	23.5	17.7	15.8	1957
1958	22.8	29.4	20.1	1.64	10.7	0	0	4.69	22.4	0	0	17.6	10.7	1958
1959	17.6	16.9	16.0	3.41	11.3	21.8	10.8	15.7	1.43	0	20.4	18.0	12.8	1959
1960	25.3	28.0	39.1	15.1	43.6	33.0	34.2	10.7	11.2	10.5	11.2	19.3	23.5	1960
1961	27.7	15.1	0.358	0	16.6	0	0.082	9.09	22.4	3.76	4.03	12.4	10.2	1961
1962	22.9	26.5	28.9	8.69	0	8.86	8.36	0	7.07	5.91	9.58	10.1	11.3	1962
1963	5.16	3.42	0	0	0	1.99	7.09	0	3.62	19.4	12.9	0	4.47	1963
1964	14.4	18.6	6.88	4.85	0	0.017	17.0	16.8	9.03	0	12.4	18.0	9.62	1964
1965	17.3	16.6	16.2	3.85	0	0.187	8.65	12.8	29.4	20.5	24.9	33.1	15.3	1965
1966	33.1	42.7	34.9	0	0	17.9	15.0	12.4	16.0	7.57	1.06	37.1	18.0	1966
1967	31.6	41.0	28.6	17.1	52.1	57.5	25.3	36.4	34.1	7.40	0.510	9.17	28.3	1967
1968	25.5	33.8	18.8	0	0	0	18.5	25.8	25.6	3.62	21.7	17.7	15.9	1968
1969	19.0	26.6	20.5	0	0	15.7	15.2	14.3	20.5	21.1	2.64	10.8	13.8	1969
1970	33.1	41.5	33.6	12.1	2.51	60.2	23.3	20.3	17.5	0.823	6.65	26.9	23.0	1970
1971	34.1	35.5	30.1	16.2	0	0	1.37	15.5	5.62	0.867	4.82	0	11.9	1971
1972	5.67	30.4	37.6	23.7	2.48	14.7	12.7	15.0	22.2	8.20	6.74	13.8	16.0	1972
1973	13.0	11.8	5.71	0.004	14.9	31.4	14.0	5.32	8.68	14.3	11.7	0.402	11.1	1973
1974	22.8	26.7	36.5	15.6	1.42	29.2	19.0	18.2	21.0	4.50	18.7	10.0	18.5	1974
1975	14.8	27.8	38.8	10.6	1.13	13.5	6.96	0	0	0	0	0	9.34	1975
1976	27.4	38.7	16.1	0	32.2	22.6	9.96	13.7	10.4	4.22	0.434	0.480	14.6	1976
1977	17.7	29.5	8.46	0	0.121	12.6	7.70	2.29	2.85	1.41	23.7	10.4	9.57	1977
1978	39.0	34.4	30.8	15.5	0	6.41	5.24	8.64	1.85	24.2	17.7	26.1	17.5	1978
1979	34.5	30.3	16.6	11.7	72.4	32.5	10.5	9.70	9.57	6.72	0.654	18.9	21.2	1979
1980	50.0	47.3	26.8	5.87	36.1	7.31	9.94	2.64	0.329	0.038	6.62	2.02	16.2	1980
1981	35.7	35.8	30.0	28.9	10.5	5.32	28.0	8.30	0.057	0	0	23.9	17.1	1981
1982	25.4	26.5	22.1	9.26	0	0	0	0	5.38	18.3	27.3	30.0	13.6	1982
1983	0	36.5	5.86	3.74	42.1	41.5	11.2	13.2	11.1	5.37	4.58	21.5	16.2	1983
1984	27.9	24.9	19.1	3.42	3.40	43.6	36.7	13.1	13.6	11.9	11.3	11.3	18.4	1984
1985	23.0	42.3	37.3	23.2	23.9	18.5	3.36	21.5	24.2	5.21	2.04	1.60	18.7	1985
1986	32.4	29.1	18.6	4.43	2.80	21.4	16.5	14.2	16.1	4.68	4.47	22.4	15.5	1986
1987	33.6	26.8	20.8	6.06	4.32	3.94	4.17	4.40	4.00	3.72	3.65	3.74	10.2	1987
1988	19.6	22.7	26.4	8.02	26.8	17.4	8.82	11.3	9.54	7.71	20.6	27.1	17.1	1988
1989	37.5	---	26.6	8.35	10.1	24.4	18.8	16.1	10.5	8.28	8.00	8.11	---	1989
1990	32.9	23.8	12.8	4.44	8.37	25.9	31.8	20.0	9.15	5.80	7.17	34.8	18.1	1990
MEAN	23.6	27.0	21.0	7.71	11.3	17.6	11.6	9.16	10.5	7.34	10.7	14.9	14.5	MEAN

LOCATION - LAT 46 46 41 N LONG 079 58 43 W

DRAINAGE AREA, 1 360 km²

REGULATED

TEMAGAMI RIVER AT CROSS LAKE DAM - STATION NO. 02DC007

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1938	---	---	---	---	1938
1939	---	---	---	---	1939
1940	---	---	---	---	1940
1941	---	68.5 ON NOV 03	0 ON MAY 14 *	651 000	1941
1942	---	40.2 ON APR 13	0 ON APR 26	356 000	1942
1943	---	72.8 ON JUN 16	0 ON MAY 07	389 000	1943
1944	---	32.3 ON JAN 01	0 ON APR 13	229 000	1944
1945	---	71.9 ON MAY 31	0 ON MAR 30	424 000	1945
1946	---	29.2 ON JAN 14	0 ON MAR 23	347 000	1946
1947	---	95.7 ON JUN 16	0 ON JAN 01	713 000	1947
1948	---	31.4 ON MAY 22	0 ON MAR 25	206 000	1948
1949	---	63.1 ON JUN 28	0 ON APR 07	478 000	1949
1950	---	39.6 ON JUL 06	0 ON APR 01	280 000	1950
1951	---	61.2 ON OCT 29	0 ON MAR 29	573 000	1951
1952	---	30.8 ON JUN 13	0 ON APR 05	308 000	1952
1953	---	41.9 ON MAY 11	0 ON APR 16	409 000	1953
1954	---	74.5 ON JUN 06	0 ON JAN 01	368 000	1954
1955	---	38.2 ON NOV 18	0 ON APR 14	293 000	1955
1956	---	63.1 ON MAY 29	0 ON MAR 29	481 000	1956
1957	---	92.6 ON JUL 01	0 ON APR 04	499 000	1957
1958	---	56.9 ON SEP 20	0 ON MAR 26	336 000	1958
1959	---	53.8 ON JUN 07	0 ON APR 08	402 000	1959
1960	---	98.0 ON JUL 01	0 ON APR 15	742 000	1960
1961	---	45.3 ON SEP 09	0 ON MAR 02	321 000	1961
1962	---	34.8 ON FEB 28	0 ON APR 14	357 000	1962
1963	---	20.1 ON SEP 26	0 ON FEB 21	141 000	1963
1964	---	32.3 ON AUG 01	0 ON JAN 01	311 000	1964
1965	---	77.0 ON SEP 23	0 ON APR 09	482 000	1965
1966	---	70.8 ON DEC 09	0 ON MAR 29	569 000	1966
1967	---	105 ON JUN 14	0 ON APR 18	892 000	1967
1968	---	30.5 ON JAN 25	0 ON MAR 22	502 000	1968
1969	---	43.6 ON SEP 30	0 ON JAN 01	435 000	1969
1970	---	82.7 ON JUN 02	0 ON APR 17	727 000	1970
1971	---	40.2 ON JAN 13	0 ON APR 21	374 000	1971
1972	---	49.7 ON AUG 31	0 ON JAN 01	507 000	1972
1973	---	53.8 ON MAY 19	0 ON MAR 14	349 000	1973
1974	---	61.2 ON NOV 14	0 ON APR 17	585 000	1974
1975	---	53.0 ON FEB 26	0 ON APR 19	295 000	1975
1976	---	55.8 ON MAY 22	0 ON JAN 01	462 000	1976
1977	---	50.4 ON NOV 18	0 ON MAR 16	302 000	1977
1978	---	49.0 ON JAN 18	0 ON APR 21	553 000	1978
1979	---	133 ON APR 29 *	0 ON MAR 30	668 000	1979
1980	---	73.1 ON FEB 02	0 ON APR 09	512 000	1980
1981	---	61.2 ON APR 27	0 ON JAN 01	541 000	1981
1982	---	44.2 ON OCT 22	0 ON APR 15	430 000	1982
1983	---	68.5 ON FEB 18	0 ON JAN 01	513 000	1983
1984	---	80.4 ON JUN 29	2.32 ON MAR 29	580 000	1984
1985	---	70.0 ON MAR 02	1.50 ON DEC 17	589 000	1985
1986	---	51.5 ON JUN 17	1.60 ON JAN 02	489 000	1986
1987	---	39.0 ON JAN 01	3.60 ON NOV 10	321 000	1987
1988	---	44.7 ON MAR 09	3.30 ON APR 10	540 000	1988
1989	---	51.5 ON FEB 07	2.60 ON APR 09	---	1989
1990	---	47.7 ON JUN 28	0 ON JUL 09	571 000	1990
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		457 000	MEAN

TEMAGAMI RIVER AT RED CEDAR LAKE DAM - STATION NO. 02DC008

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1938	---	---	---	---	---	---	9.51	12.3	---	19.2	9.53	17.1	---	1938
1939	18.3	31.0	41.8	26.5	41.6	36.1	0.555	5.29	12.2	11.6	10.5	20.5	21.2	1939
1940	20.5	18.6	21.5	6.10	0.986	25.9	21.5	14.6	40.6	19.5	10.0	19.6	18.2	1940
1941	36.0	46.3	43.0	57.7	29.7	20.5	30.4	19.8	21.2	8.45	71.3	31.4	34.5	1941
1942	33.5	34.3	48.7	40.9	13.3	40.0	9.95	14.8	7.59	5.74	6.73	15.0	20.7	1942
1943	17.3	24.7	32.3	31.6	38.9	36.2	3.72	17.4	18.7	14.7	9.27	14.5	22.1	1943
1944	32.8	28.0	30.5	12.5	22.1	21.3	3.32	0.753	9.31	0.164	1.30	14.1	14.6	1944
1945	23.7	28.8	30.6	10.8	11.5	32.5	9.64	23.7	7.17	12.6	42.0	37.1	22.5	1945
1946	36.5	46.3	36.4	16.4	20.7	30.1	13.4	10.7	15.3	14.6	9.94	14.4	21.9	1946
1947	31.6	37.8	40.8	36.1	101	99.7	42.5	12.2	21.2	24.7	22.9	21.7	40.9	1947
1948	25.0	18.1	13.2	30.7	33.3	20.7	13.7	12.4	---	14.6	3.73	14.7	---	1948
1949	32.7	35.8	41.8	26.2	39.3	34.3	30.3	10.9	17.5	19.5	15.4	13.5	26.4	1949
1950	11.7	16.7	18.5	17.2	10.5	11.0	15.1	17.2	9.91	17.8	11.6	18.5	14.7	1950
1951	39.3	33.2	31.2	46.9	43.2	28.4	30.1	25.8	8.06	53.7	92.6	63.1	40.6	1951
1952	47.2	55.6	40.9	20.9	31.9	47.7	26.2	23.5	14.2	22.4	13.0	29.4	31.0	1952
1953	38.7	26.4	69.5	61.9	31.6	27.7	19.6	24.4	21.1	22.2	11.6	---	---	1953
1954	16.6	20.4	18.5	23.5	27.7	95.6	26.7	22.4	15.1	68.2	39.0	50.4	35.4	1954
1955	40.9	48.3	50.6	17.1	12.4	19.3	19.1	1.02	4.60	4.08	37.2	25.2	23.1	1955
1956	48.2	41.6	45.8	7.09	39.8	87.5	24.5	18.9	11.9	31.2	28.6	30.9	32.2	1956
1957	38.1	43.9	55.2	26.8	18.3	31.7	84.4	30.9	16.2	16.3	62.0	39.6	38.7	1957
1958	46.3	55.1	56.6	3.04	24.1	15.5	9.98	9.61	29.5	16.5	8.10	22.9	24.1	1958
1959	27.8	32.2	32.5	11.8	56.2	33.0	24.4	23.5	17.5	14.4	45.2	41.2	30.0	1959
1960	41.4	53.3	52.4	34.9	130	67.7	79.0	47.2	33.8	34.5	43.2	48.0	55.6	1960
1961	52.6	37.4	25.8	10.6	40.1	27.6	14.2	21.9	29.1	44.9	30.4	14.7	30.8	1961
1962	42.4	60.3	60.0	34.4	36.1	27.0	26.9	11.8	17.3	16.7	15.0	11.9	29.8	1962
1963	20.4	25.8	32.5	15.3	21.2	20.6	23.5	14.4	21.1	16.5	22.9	13.0	22.3	1963
1964	29.2	41.1	38.2	24.8	26.8	21.2	35.5	38.8	34.0	22.3	23.7	27.8	30.3	1964
1965	41.4	42.5	44.8	11.0	41.2	20.4	14.4	32.3	61.7	52.3	45.3	46.9	37.8	1965
1966	50.4	64.6	65.9	10.2	26.2	38.6	36.6	20.4	30.8	12.9	30.8	87.0	39.6	1966
1967	56.8	77.0	62.9	63.7	88.8	80.9	40.8	45.4	41.9	22.8	38.6	37.2	54.5	1967
1968	59.8	81.6	61.7	0.741	20.6	29.6	28.8	41.2	26.6	17.4	34.4	26.9	36.5	1968
1969	43.9	52.0	59.1	19.1	42.7	52.7	39.6	40.0	53.8	22.4	30.1	33.3	40.7	1969
1970	52.1	65.3	56.9	20.8	54.3	96.2	55.9	38.0	23.0	16.4	21.9	36.0	44.6	1970
1971	42.4	46.4	43.0	39.8	30.0	40.3	15.3	37.8	20.5	12.8	3.86	9.92	26.7	1971
1972	20.0	51.5	62.6	33.8	61.5	34.6	34.1	51.2	24.9	30.1	20.8	38.9	41.8	1972
1973	47.0	45.2	39.1	23.2	57.9	51.3	31.5	18.2	20.9	29.8	42.1	25.8	34.2	1973
1974	38.7	42.8	40.4	29.3	37.0	31.6	12.9	21.1	15.7	0	32.4	7.56	25.6	1974
1975	26.2	51.6	58.4	38.0	30.9	25.9	14.2	3.57	4.48	14.5	1.79	24.8	24.4	1975
1976	31.0	69.7	46.1	28.1	72.0	32.3	20.2	21.8	15.8	19.6	8.84	3.56	32.1	1976
1977	24.0	36.1	35.7	24.3	19.0	15.7	15.5	7.61	18.7	22.8	53.7	41.1	26.1	1977
1978	43.1	60.9	41.0	20.2	30.2	18.7	14.1	17.2	14.0	68.5	35.3	42.8	35.4	1978
1979	47.4	52.8	41.5	65.5	132	36.2	12.1	26.9	24.9	16.8	13.8	35.4	42.1	1979
1980	46.3	49.1	35.4	36.4	66.5	20.3	16.0	14.1	10.9	33.0	29.9	31.3	32.3	1980
1981	49.8	61.8	63.9	90.5	28.1	27.7	39.2	14.6	12.2	16.7	21.5	49.2	39.5	1981
1982	42.0	47.1	40.8	61.0	9.83	0.724	0.011	1.18	8.19	40.5	48.3	57.1	29.6	1982
1983	45.1	50.8	29.7	11.1	86.8	58.1	14.3	14.3	12.0	10.9	15.4	31.5	31.6	1983
1984	35.6	41.5	49.0	21.8	13.6	73.6	47.3	19.9	21.6	16.2	32.3	33.9	34.0	1984
1985	40.6	56.9	50.2	39.4	48.5	20.8	13.7	24.2	25.6	13.1	5.54	17.1	29.5	1985
1986	37.7	43.6	26.4	17.8	20.3	29.7	19.8	15.1	21.7	22.2	20.8	34.3	25.7	1986
1987	46.1	45.3	39.1	10.1	6.36	12.9	8.46	8.04	3.48	2.31	4.21	15.3	16.7	1987
1988	29.8	33.3	52.1	46.1	40.1	19.7	9.89	14.0	11.2	28.9	48.3	44.1	31.2	1988
1989	45.3	50.4	43.4	21.3	29.7	51.0	24.6	16.1	10.2	9.88	12.1	20.2	27.7	1989
1990	34.7	32.8	35.5	15.3	41.6	36.3	38.1	26.7	7.40	29.0	29.8	56.9	32.1	1990
MEAN	37.6	44.5	43.0	27.9	39.2	35.5	24.0	20.3	20.2	22.0	25.8	30.3	31.1	MEAN

LOCATION - LAT 46 40 45 N DRAINAGE AREA, 2 360 km²
LONG 079 59 42 W REGULATED

TEMAGAMI RIVER AT RED CEDAR LAKE DAM - STATION NO. 02DC008

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1938	---	---	---	---	1938
1939	---	89.2 ON MAY 07	0.028 ON JUL 17	670 000	1939
1940	---	69.9 ON SEP 12	0 ON APR 24 *	577 000	1940
1941	---	123 ON APR 25	0 ON OCT 06	1 090 000	1941
1942	---	74.8 ON MAR 18	0 ON SEP 23	653 000	1942
1943	---	84.7 ON MAY 08	0.283 ON NOV 10	696 000	1943
1944	---	45.3 ON MAY 15	0 ON APR 19	463 000	1944
1945	---	76.2 ON JUN 02	0 ON SEP 16	706 000	1945
1946	---	53.8 ON FEB 13	0 ON JUL 22	691 000	1946
1947	---	139 ON JUN 21	0.028 ON NOV 13	1 290 000	1947
1948	---	---	---	---	1948
1949	---	116 ON JUN 27	0 ON APR 24	832 000	1949
1950	---	37.1 ON JUL 08	0 ON MAY 18	462 000	1950
1951	---	131 ON OCT 28	0 ON APR 11	1 280 000	1951
1952	---	66.3 ON JUN 09	0 ON APR 18	981 000	1952
1953	---	---	---	---	1953
1954	---	133 ON JUN 07	0 ON MAR 04	1 120 000	1954
1955	---	82.4 ON NOV 05	0 ON MAY 14	730 000	1955
1956	---	91.2 ON JUN 02	0 ON APR 10	1 020 000	1956
1957	---	149 ON JUL 05	0 ON JUN 04	1 220 000	1957
1958	---	81.8 ON JAN 01	0 ON APR 04	782 000	1958
1959	---	85.8 ON MAY 13	0 ON APR 16	946 000	1959
1960	---	181 ON MAY 11	0.311 ON APR 23	1 760 000	1960
1961	---	71.1 ON MAY 14	0 ON APR 15	971 000	1961
1962	---	87.8 ON MAR 08	0 ON APR 28	940 000	1962
1963	---	47.9 ON SEP 04	0 ON APR 03	702 000	1963
1964	---	75.0 ON APR 07	0 ON APR 16	957 000	1964
1965	---	141 ON SEP 24	0 ON APR 14	1 190 000	1965
1966	---	119 ON DEC 05	0 ON APR 12	1 250 000	1966
1967	---	144 ON JUN 17	0.566 ON NOV 04	1 720 000	1967
1968	---	88.6 ON FEB 01	0 ON APR 02	1 160 000	1968
1969	---	79.0 ON MAR 25	0 ON APR 15	1 280 000	1969
1970	---	159 ON JUN 04	0 ON APR 18	1 410 000	1970
1971	---	83.5 ON APR 01	0 ON APR 21	843 000	1971
1972	---	122 ON MAY 10	0.057 ON APR 27	1 120 000	1972
1973	---	95.7 ON MAY 19	3.91 ON MAR 29	1 080 000	1973
1974	---	83.0 ON NOV 14	0 ON OCT 01	809 000	1974
1975	---	76.2 ON MAR 01	0 ON APR 26	769 000	1975
1976	---	113 ON MAY 19	0 ON APR 15	1 010 000	1976
1977	---	74.5 ON NOV 12	0 ON JAN 01	823 000	1977
1978	---	147 ON OCT 13	0 ON APR 20	1 120 000	1978
1979	---	272 ON APR 30 *	3.43 ON NOV 07	1 330 000	1979
1980	---	112 ON MAY 13	0.311 ON APR 10	1 020 000	1980
1981	---	142 ON APR 20	6.57 ON APR 03	1 240 000	1981
1982	---	90.0 ON APR 25	0 ON JUL 05	933 000	1982
1983	---	113 ON MAY 10	0 ON APR 14	996 000	1983
1984	---	95.7 ON JUN 30	3.20 ON OCT 06	1 080 000	1984
1985	---	74.4 ON APR 29	0.500 ON NOV 07	930 000	1985
1986	---	65.9 ON JUN 17	0 ON APR 18	810 000	1986
1987	---	54.3 ON FEB 24	0 ON APR 14	526 000	1987
1988	---	71.0 ON MAR 15	3.50 ON JUN 23	987 000	1988
1989	---	64.1 ON JUN 15	0 ON APR 27	874 000	1989
1990	---	116 ON MAY 19	0 ON SEP 12	1 010 000	1990
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		981 000	MEAN

TEMAGAMI RIVER NEAR RIVER VALLEY - STATION NO. 02DC005

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1941	---	---	---	---	---	---	---	---	---	---	---	39.1	---	1941
1942	36.6	38.8	49.0	58.9	21.5	29.7	13.8	16.9	9.67	6.99	9.52	18.1	25.7	1942
1943	24.2	32.1	41.2	42.6	56.3	49.4	17.3	21.9	24.3	18.9	14.9	18.8	30.1	1943
1944	37.8	34.0	37.1	23.9	30.2	28.6	8.67	5.37	14.2	5.74	5.60	20.5	20.9	1944
1945	32.7	40.8	51.7	19.6	28.7	44.5	10.2	24.7	14.5	15.8	53.2	44.0	31.6	1945
1946	43.8	47.0	49.6	72.5	28.4	37.4	19.4	15.3	19.6	18.2	13.4	19.7	27.7	1946
1947	37.2	45.6	42.0	52.6	118	118	58.0	15.7	23.0	26.7	27.4	26.5	49.1	1947
1948	29.5	31.2	17.4	35.6	38.6	29.8	19.3	11.4	20.4	17.1	11.3	16.1	22.2	1948
1949	34.7	38.7	45.1	46.9	44.0	46.2	41.7	17.1	22.2	25.1	22.7	21.7	33.8	1949
1950	23.0	22.8	28.2	33.6	24.7	15.4	20.3	23.5	16.7	20.4	15.6	16.5	21.7	1950
1951	30.9	34.4	31.5	63.7	44.7	27.2	29.9	26.4	10.3	37.4	95.7	66.2	43.2	1951
1952	47.8	51.3	39.3	38.4	34.2	42.7	29.5	28.9	15.5	24.7	20.0	31.1	33.4	1952
1953	38.2	51.2	73.0	73.5	32.8	29.4	23.0	26.8	22.7	24.2	14.7	4.96	34.4	1953
1954	15.8	22.1	23.0	37.7	34.6	96.3	28.3	23.5	18.5	67.3	41.6	48.4	38.1	1954
1955	39.7	46.8	47.4	29.3	19.0	19.1	25.4	6.27	8.97	14.4	41.8	25.3	26.9	1955
1956	46.3	38.9	41.5	16.8	45.5	60.6	28.7	19.6	14.8	34.1	30.0	31.1	34.0	1956
1957	37.3	42.9	50.6	38.9	22.3	30.8	81.6	29.3	18.7	20.5	61.3	41.5	39.6	1957
1958	47.1	51.4	47.0	11.3	29.5	17.1	13.0	10.3	21.4	18.8	9.57	23.6	24.9	1958
1959	29.9	35.7	32.0	22.5	55.6	33.0	24.5	23.6	19.7	19.9	46.5	43.3	32.2	1959
1960	41.4	49.2	46.2	42.5	120	55.4	72.4	38.7	27.3	32.4	43.4	55.8	52.2	1960
1961	54.8	55.4	23.8	16.1	40.4	28.9	16.4	20.5	28.5	35.7	28.2	34.2	30.2	1961
1962	45.7	57.3	46.8	36.4	37.7	23.6	25.7	11.4	15.9	---	---	---	---	1962
MEAN	36.9	39.9	41.1	36.3	43.2	41.0	28.9	20.0	18.4	25.1	30.3	30.8	32.6	MEAN

LOCATION - LAT 46 35 46 N DRAINAGE AREA, 2 460 km^2
LONG 080 11 14 W REGULATED

TESHGAMI RIVER NEAR RIVER VALLEY - STATION NO. 02DC005

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1941	---	---	---	---	1941
1942	---	88.6 ON APR 18	1.02 ON OCT 10 *	810 000	1942
1943	---	110 ON MAY 09	5.01 ON JUL 20	949 000	1943
1944	---	60.6 ON MAY 13	4.45 ON OCT 23	662 000	1944
1945	---	93.7 ON JUN 05	3.45 ON OCT 04	997 000	1945
1946	---	65.7 ON MAY 30	2.46E ON JUL 26	875 000	1946
1947	---	148 ON JUN 18	9.66 ON SEP 25	1 550 000	1947
1948	---	79.0 ON APR 23	3.20 ON DEC 03	701 000	1948
1949	---	141 ON JUN 27	8.50E ON APR 28	1 070 000	1949
1950	---	50.4 ON APR 26	4.76 ON AUG 10	685 000	1950
1951	---	128 ON NOV 01	4.45 ON OCT 02	1 360 000	1951
1952	---	64.0 ON JUN 12	6.46 ON SEP 22	1 060 000	1952
1953	---	112 ON MAR 28	2.01 ON DEC 18	1 080 000	1953
1954	---	132 ON JUN 09	3.20RB ON JAN 03	1 200 000	1954
1955	---	79.0 ON NOV 06	2.78 ON AUG 27	847 000	1955
1956	---	90.6 ON JUN 02	4.76 ON SEP 18	1 080 000	1956
1957	---	144 ON JUL 05	2.94 ON SEP 28	1 250 000	1957
1958	---	77.9B ON JAN 01	2.58 ON JUN 14	785 000	1958
1959	---	81.6 ON MAY 07	5.47 ON SEP 09	1 010 000	1959
1960	---	173 ON MAY 11 *	15.2 ON JUL 22	1 650 000	1960
1961	---	79.9 ON JAN 05	4.56 ON JUL 07	954 000	1961
1962	---	---	---	---	1962
				1 030 000	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD
R - REVISED SINCE JAN 01 1989

THAMES RIVER AT BYRON - STATION NO. 02GE002

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1922	---	---	---	---	---	---	---	---	---	7.27	7.07	6.56	---	1922
1923	14.2	6.57	123	83.2	55.6	17.0	6.02	5.65	11.9	7.42	12.3	81.0	35.7	1923
1924	52.9	20.5	110	80.2	58.9	11.5	8.93	12.5	7.06	5.44	3.99	7.53	31.7	1924
1925	3.66	70.1	104	16.9	6.25	3.09	2.62	3.13	3.21	4.58	34.6	19.3	22.3	1925
1926	15.6	14.7	142	143	20.3	9.85	3.45	18.0	35.2	47.5	118	21.6	49.1	1926
1927	14.1	40.7	114	21.8	40.2	11.9	40.1	6.84	5.19	9.81	61.9	61.1	33.5	1927
1928	45.0	34.4	86.8	59.8	12.2	28.7	17.4	14.6	5.03	21.5	61.7	63.1	35.5	1928
1929	56.6	14.0	185	112	56.1	7.18	4.96	3.34	3.00	4.16	7.73	5.01	38.5	1929
1930	100	152	67.1	60.8	13.8	12.8	3.71	2.61	3.23	4.13	3.60	5.72	35.0	1930
1931	3.40	5.18	59.3	66.2	18.7	5.61	17.1	9.74	5.83	---	---	---	---	1931
1937	---	---	---	---	---	---	---	---	---	---	---	---	---	1937
1938	---	---	98.9	35.4	15.6	---	---	---	---	---	---	---	---	1938
1939	---	---	---	120	9.00	---	---	---	---	---	---	---	---	1939
1940	---	---	---	179	40.9	---	---	---	---	---	---	---	---	1940
1941	---	---	---	57.0	---	---	---	---	---	---	---	---	---	1941
1942	---	---	125	38.2	---	---	---	---	---	---	---	---	---	1942
1943	---	---	174	---	---	---	---	---	---	---	---	---	---	1943
1944	---	---	75.0	72.3	---	---	---	---	---	---	---	---	---	1944
1945	---	---	129	67.3	---	---	---	---	---	---	---	---	---	1945
1946	---	---	122	9.30	---	---	---	---	---	---	---	---	---	1946
1947	---	---	---	209	52.6	---	---	---	---	---	---	---	---	1947
1948	---	---	199	57.8	59.9	9.94	---	---	---	---	---	---	---	1948
1949	---	---	91.1	33.8	10.0	---	---	---	---	---	---	---	---	1949
1950	---	---	---	---	---	---	---	---	---	---	---	---	---	1950
1951	---	---	164	116	28.7	---	---	---	---	---	---	---	---	1951
1952	---	---	117	89.7	---	---	---	---	---	---	---	---	---	1952
1953	---	---	---	32.1	---	---	---	---	---	---	---	---	---	1953
1955	---	---	136	65.0	12.2	---	---	2.04	1.27	6.95	18.7	27.5	---	1955
1956	11.3	15.8	139	108	122	11.8	15.2	36.1	32.7	13.1	13.5	50.3	47.6	1956
1957	43.6	54.7	64.1	63.7	25.4	16.3	22.8	4.70	13.5	9.48	47.6	98.5	38.6	1957
1958	17.0	12.0	68.7	25.3	6.94	5.25	7.18	1.83	0.99	4.90	12.9	10.2	15.1	1958
1959	20.0	28.6	128	121	29.3	11.5	5.87	6.55	6.60	25.2	48.7	56.0	40.7	1959
1960	30.4	39.3	49.4	212	60.9	29.1	8.53	5.74	4.49	8.19	7.13	4.89	38.0	1960
1961	4.09	43.2	46.8	51.2	34.1	10.2	11.0	10.1	7.08	5.22	18.7	17.9	20.3	1961
1962	9.63	9.76	106	61.2	13.6	9.17	4.05	4.21	1.50	7.29	16.7	20.0	20.26	1962
1963	8.00	5.09	140	37.4	21.7	7.55	4.22	3.62	1.64	1.29	3.59	3.09	20.4	1963
1964	14.9	14.0	58.9	67.3	14.2	5.15	4.08	24.5	10.3	5.85	5.53	37.9	20.3	1964
1965	42.8	102	94.1	130	17.5	5.98	5.31	4.14	1.88	10.2	28.9	84.3	41.6	1965
1966	26.9	46.3	78.5	44.5	24.7	21.4	5.76	8.36	8.33	9.25	39.1	107	35.0	1966
1967	56.4	26.5	94.5	113	28.9	36.6	18.9	23.1	11.1	53.9	91.5	91.8	54.2	1967
1968	33.4	129	102	34.6	13.5	15.7	10.2	8.02	15.1	26.7	41.7	53.3	39.9	1968
1969	67.5	62.2	104	110	50.3	16.7	7.33	6.34	6.76	7.38	22.1	18.4	39.7	1969
1970	10.6	19.3	54.1	98.8	29.0	9.34	10.0	6.45	8.75	13.2	35.2	54.0	29.0	1970
1971	22.6	34.4	109	104	12.8	7.83	5.15	5.98	5.24	6.02	9.00	15.8	28.0	1971
1972	24.3	10.7	98.7	120	30.6	10.9	13.5	11.7	7.65	17.4	39.3	38.7	37.0	1972
1973	84.5	38.1	174	48.8	34.6	16.0	8.15	7.54	6.03	10.0	40.0	38.4	42.4	1973
1974	86.3	46.5	110	73.2	80.0	19.8	12.7	8.67	7.87	9.08	18.3	15.7	40.8	1974
1975	53.9	61.4	108	116	19.3	19.4	9.59	12.8	21.3	14.6	16.6	37.8	40.7	1975
1976	25.6	143	191	58.7	49.5	11.6	23.9	25.7	16.0	18.1	12.5	16.0	50.7	1976
1977	9.03	11.7	214	50.1	14.9	8.61	8.64	9.55	38.1	50.1	45.7	87.9	46.8	1977
1978	20.0	18.1	80.2	230	30.1	12.2	7.46	6.45	19.0	21.7	18.4	29.1	40.8	1978
1979	34.9	13.8	167	147	27.8	12.7	8.44	9.83	8.09	15.0	64.3	85.7	49.7	1979
1980	36.9	13.3	104	86.8	28.3	16.5	18.8	11.3	12.5	18.5	13.4	30.9	32.7	1980
1981	8.52	154	47.7	44.8	27.7	15.0	7.99	9.71	45.3	63.3	37.2	24.5	39.6	1981
1982	20.4	11.0	144	165	20.9	29.3	11.9	11.7	22.4	20.1	77.4	129	55.5	1982
1983	36.6	51.1	36.3	56.6	78.4	33.1	19.3	42.6	19.8	21.5	36.2	72.7	42.0	1983
1984	15.3	181	84.3	54.8	26.9	45.8	21.1	11.0	32.3	15.9	38.2	64.4	48.6	1984
1985	39.5	113	228	111	14.3	14.0	13.2	17.9	25.0	41.0	104	50.3	61.9	1985
1986	51.7	28.0	159	43.9	26.5	22.2	14.5	14.1	76.1	99.1	31.5	51.8	52.0	1986
1987	30.6	16.4	93.1	72.9	13.6	14.8	11.0	9.16	8.05	10.6	32.7	79.2	26.5	1987
1988	22.7	35.2	87.2	42.1	19.1	7.68	7.94	8.98	8.14	28.2	62.3	37.2	30.5	1988
1989	38.9	25.1	54.9	58.4	16.2	21.0	7.44	6.43	6.90	9.05	23.4	12.6	23.3	1989
1990	75.4	90.6	83.5	41.9	31.1	14.8	26.9	23.4	28.6	77.2	80.9	101	56.1	1990
MEAN	32.7	46.9	111	81.3	30.9	15.2	11.4	11.0	14.3	19.7	34.4	45.7	38.2	MEAN

LOCATION - LAT 42 57 47 N DRAINAGE AREA, 3 110 km²
LONG 081 19 55 W REGULATED SINCE 1953

THAMES RIVER AT BYRON - STATION NO. 02GE002

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1922	---	---	---	---	1922
1923	---	429 ON MAY 21	4.11 ON JUL 09	1 130 000	1923
1924	---	357 ON MAR 29	3.09 ON NOV 11	1 000 000	1924
1925	---	467 ON MAR 19	1.67E ON SEP 05	704 000	1925
1926	---	657 ON MAR 23	2.69E ON JUL 17	1 560 000	1926
1927	---	379 ON JUL 24	3.68 ON SEP 19	1 030 000	1927
1928	---	385 ON MAR 25	4.59E ON AUG 16	1 190 000	1928
1929	---	750 ON MAR 15	3.00E ON SEP 01	1 220 000	1929
1930	---	241 ON APR 02	1.70 ON OCT 04	1 100 000	1930
1931	---	405 ON MAR 29	---	---	1931
1937	1 470 ON APR 27 *	---	---	---	
1938	988 AT 06:00 EST ON FEB 07	776 ON FEB 07	---	---	1937
1939	---	396 ON APR 18	---	---	1938
1940	---	883 ON APR 09	---	---	1939
1941	---	---	---	---	1940
1942	---	---	---	---	1941
1943	---	867 ON MAR 17	---	---	1942
1944	---	---	---	---	1943
1945	---	---	---	---	1944
1946	---	603 ON MAR 07	---	---	1945
1947	---	1 200 ON APR 06 *	---	---	1946
1948	1 270 AT 05:00 EST ON MAR 20	1 010 ON MAR 20	---	---	1947
1949	---	---	---	---	1948
1950	1 160 AT 20:30 EST ON APR 04	864 ON APR 04	---	---	1949
1951	---	473 ON MAR 31	---	---	1950
1952	---	382 ON APR 14	---	---	1951
1953	357 AT 15:00 EST ON MAR 16	311 ON MAR 16	---	---	1952
1955	---	515E ON MAR 12	---	---	1953
1956	954 AT 12:00 EST ON MAR 07	736 ON MAR 07	5.64 ON AUG 03	1 510 000	1955
1957	663 AT 15:00 EST ON DEC 21	620 ON DEC 21	4.75 ON JUN 20	1 220 000	1956
1958	151 AT 14:00 EST ON MAR 24	142 ON MAR 24	1.50 ON JUN 11	484 000	1957
1959	566 AT 21:00 EST ON APR 02	496 ON APR 03	3.85 ON AUG 04	1 280 000	1958
1960	899 AT 15:00 EST ON MAR 31	818 ON MAR 31	1.96 ON SEP 13	1 200 000	1959
1961	273 AT 16:00 EST ON FEB 24	254 ON FEB 25	1.00 ON OCT 20	703 000	1960
1962	286 AT 08:00 EST ON MAR 25	270 ON MAR 25	2.24 ON JUL 14	649 000	1961
1963	688 AT 19:00 EST ON MAR 28	651 ON MAR 27	2.66 ON AUG 28	643 000	1962
1964	245 AT 10:00 EST ON APR 07	230 ON DEC 26	1.71 ON OCT 30	641 000	1963
1965	816 AT 07:00 EST ON FEB 11	762 ON FEB 11	1.59 ON JUL 24	1 380 000	1964
1966	665 AT 02:30 EST ON DEC 08	629 ON DEC 08	2.89 ON JUL 12	1 100 000	1965
1967	575 AT 16:00 EST ON APR 03	453 ON APR 03	8.07 ON SEP 06	1 710 000	1966
1968	977 AT 04:50 EST ON FEB 03	801 ON FEB 03	1.23 ON MAY 30 *	1 260 000	1967
1969	646 AT 04:30 EST ON JAN 31	600 ON JAN 31	3.03 ON SEP 25	1 250 000	1968
1970	385 AT 16:51 EST ON APR 09	317 ON APR 09	5.24 ON SEP 13	916 000	1969
1971	487 AT 15:32 EST ON APR 02	388 ON APR 03	2.86 ON MAY 21	883 000	1970
1972	493 AT 22:05 EST ON MAR 22	408 ON MAR 23	2.59 ON OCT 06	1 170 000	1971
1973	561 AT 12:41 EST ON MAR 12	521 ON MAR 12	4.70 ON SEP 09	1 340 000	1972
1974	651 AT 18:34 EST ON MAR 05	566 ON MAR 05	5.86 ON SEP 27	1 290 000	1973
1975	719 AT 02:00 EST ON APR 20	564 ON APR 20	6.23 ON JUL 06	1 280 000	1974
1976	818 AT 04:07 EST ON MAR 06	663 ON MAR 06	8.27 ON JUN 13	1 600 000	1975
1977	966 AT 02:27 EST ON MAR 14	915 ON MAR 14	5.15 ON JUN 15	1 480 000	1976
1978	637 AT 05:09 EST ON APR 02	583 ON APR 02	5.15 ON AUG 27	1 290 000	1977
1979	809 AT 09:37 EST ON APR 14	695 ON APR 14	5.64 ON JUL 22	1 570 000	1978
1980	586 AT 02:12 EST ON MAR 22	502 ON MAR 22	6.92 ON AUG 29	1 030 000	1979
1981	654 AT 01:32 EST ON FEB 24	594 ON FEB 24	5.07 ON JUL 17	1 250 000	1980
1982	814 AT 19:51 EST ON APR 01	771 ON APR 01	5.79 ON AUG 22	1 750 000	1981
1983	359 AT 10:06 EST ON MAY 03	326 ON MAY 03	6.38 ON JUL 28	1 320 000	1982
1984	806 AT 03:17 EST ON FEB 15	732 ON FEB 15	7.39 ON AUG 26	1 540 000	1983
1985	818 AT 04:57 EST ON FEB 25	768 ON FEB 25	1.50 ON JUN 15	2 010 000	1984
1986	647 AT 06:46 EST ON MAR 20	575 ON MAR 20	7.31 ON SEP 04	1 640 000	1985
1987	370 AT 11:41 EST ON MAR 09	352 ON MAR 09	4.74 ON MAY 23	1 030 000	1986
1988	310 AT 00:00 EST ON MAR 27	285 ON MAR 27	4.19 ON JUL 10	966 000	1987
1989	225 AT 19:23 EST ON MAR 29	203 ON MAR 30	5.32 ON JUL 18	735 000	1988
1990	609 AT 21:09 EST ON DEC 30	517 ON DEC 31	7.65 ON JUL 08	1 770 000	1989
	E - ESTIMATED	* - EXTREMS RECORDED FOR THE PERIOD OF RECORD		1 210 000	1990 MEAN

THAMES RIVER AT INGERSOLL - STATION NO. 02GD016

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1957	---	---	---	---	4.76	2.90	4.97	1.21	2.17	1.76	5.70	12.4	---	1957
1958	2.80	2.21	8.94	4.19	1.64	1.69	2.10	1.01	1.91	1.24	2.08	4.72	2.63	1958
1959	3.25	5.23	19.1	15.0	4.61	1.90	1.36	1.25	1.26	4.13	6.46	7.49	5.92	1959
1960	5.29	6.61	9.72	27.8	7.95	4.79	1.72	1.38	0.958	1.05	1.42	1.42	5.81	1960
1961	0.798	6.30	5.86	6.72	4.56	1.91	1.58	1.79	1.45	0.964	2.52	4.76	3.07	1961
1962	1.66	1.91	12.2	5.22	2.02	1.74	0.989	1.19	1.04	1.94	3.94	4.26	3.67	1962
1963	1.69	0.973	18.0	5.47	3.27	1.61	0.915	0.640	0.633	0.612	0.890	0.783	2.98	1963
1964	1.98	1.57	7.49	6.86	2.75	1.02	0.948	4.52	1.64	1.02	1.28	4.95	3.01	1964
1965	5.75	17.2	15.5	21.0	3.47	1.08	0.790	0.788	0.856	1.52	3.01	8.16	6.50	1965
1966	3.85	6.49	11.4	6.93	4.49	2.13	1.54	1.13	1.08	1.06	3.87	13.3	4.80	1966
1967	7.47	3.20	10.5	15.0	4.77	5.49	3.78	3.56	2.12	5.58	8.65	12.5	7.00	1967
1968	4.61	23.5	13.9	5.59	1.90	2.61	2.23	1.62	1.44	2.52	3.28	7.24	5.80	1968
1969	12.6	9.87	11.0	13.0	6.30	2.03	1.38	1.16	1.23	1.29	3.43	2.39	5.45	1969
1970	1.94	3.25	7.97	9.09	2.87	4.67	2.78	1.70	1.54	2.18	4.26	6.12	4.03	1970
1971	5.85	4.28	13.7	11.4	1.98	1.39	1.35	1.38	1.15	2.10	2.01	2.46	3.67	1971
1972	3.42	1.65	16.1	15.0	3.79	2.31	3.74	3.19	1.95	4.58	5.86	7.83	5.64	1972
1973	10.4	6.49	26.2	7.96	4.22	2.46	1.74	1.77	1.41	5.44	6.62	7.56	6.63	1973
1974	13.3	8.56	15.2	10.1	10.9	3.52	2.88	2.80	2.29	2.03	4.07	4.59	6.69	1974
1975	8.02	10.3	16.0	12.2	3.15	4.42	1.68	2.71	4.62	2.24	4.13	6.46	6.29	1975
1976	4.21	19.3	26.9	8.07	8.47	2.67	4.62	5.46	2.42	3.80	4.49	3.23	7.78	1976
1977	1.51	2.35	29.5	9.80	3.24	1.72	2.37	2.50	7.54	10.2	6.42	14.4	7.35	1977
1978	4.25	3.98	14.5	24.9	4.45	2.29	2.31	1.60	3.38	3.51	3.32	4.22	6.05	1978
1979	7.32	3.17	19.8	23.2	4.52	2.49	1.53	1.81	1.81	2.72	7.26	11.8	7.31	1979
1980	6.61	2.86	14.8	12.3	4.88	2.56	2.38	2.40	3.09	3.76	2.39	4.89	5.26	1980
1981	1.50	20.4	6.28	5.50	4.61	5.36	2.47	2.70	6.83	8.26	5.20	3.42	5.60	1981
1982	3.01	1.72	21.1	23.8	2.72	5.64	5.34	2.07	4.90	4.35	10.5	19.2	8.47	1982
1983	5.09	8.13	5.58	7.85	10.8	4.57	3.68	9.64	3.88	4.39	6.04	11.3	6.75	1983
1984	3.06	25.9	11.0	10.3	4.16	8.48	4.21	1.78	3.01	3.60	4.84	7.61	7.23	1984
1985	6.47	14.5	31.3	16.9	2.18	2.28	3.62	4.49	4.47	6.60	17.3	9.19	9.91	1985
1986	7.86	4.40	21.1	5.88	5.04	4.02	3.27	2.17	4.49	12.1	.15	8.75	7.06	1986
1987	5.34	2.47	11.2	13.6	2.27	3.24	3.51	2.03	2.15	2.62	4.55	11.1	5.16	1987
1988	3.20	4.78	10.1	5.66	2.89	2.00	2.04	1.82	1.37	3.06	6.68	4.12	3.97	1988
1989	5.58	2.88	6.24	6.98	2.17	4.31	1.91	1.37	1.74	1.81	2.87	1.52	3.28	1989
1990	8.90	13.2	12.6	4.23	5.68	3.14	5.25	3.11	3.74	8.61	10.2	14.6	7.74	1990
MEAN	5.02	7.56	14.6	11.4	4.33	3.04	2.43	2.35	2.52	3.43	4.99	7.17	5.72	MEAN

LOCATION - LAT 43 02 20 N
LONG 080 53 08 W
DRAINAGE AREA, 518 km²
REGULATED

THAMES RIVER AT INGERSOLL - STATION NO. 02GD016

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1957	67.4 AT 16:00 EST ON DEC 21	63.4 ON DEC 21	0.850 ON AUG 23	---	1957
1958	17.6 AT 04:00 EST ON MAR 25	16.0 ON MAR 24	0.793 ON AUG 19	83 000	1958
1959	66.8 AT 18:00 EST ON APR 02	60.3 ON APR 02	0.793 ON AUG 14	187 000	1959
1960	155 AT 13:00 EST ON MAR 31	143 ON MAR 31 *	0.844E ON SEP 06	184 000	1960
1961	39.9 AT 10:00 EST ON FEB 24	36.8 ON FEB 24	0.706B ON FEB 11	96 900	1961
1962	66.5 AT 19:00 EST ON MAR 12	42.5 ON MAR 13	0.484 ON JUL 16	114 000	1962
1963	88.6 AT 11:30 EST ON MAR 26	81.6 ON MAR 26	0.453 ON AUG 24	94 000	1963
1964	30.9 AT 13:30 EST ON DEC 26	25.4 ON DEC 26	0.564 ON JUL 31	95 300	1964
1965	194 AT 01:00 EST ON FEB 11 *	136 ON FEB 11	0.425 ON JUL 01 *	205 000	1965
1966	87.8 AT 10:05 EST ON DEC 08	79.3 ON DEC 08	0.544 ON JUL 26	151 000	1966
1967	53.0 AT 07:30 EST ON APR 03	46.2 ON APR 03	1.39 ON JUL 13	221 000	1967
1968	146 AT 14:00 EST ON FEB 02	115 ON FEB 02	1.13 ON SEP 30	184 000	1968
1969	91.7 AT 20:30 EST ON JAN 30	66.0 ON JAN 30	0.852 ON AUG 15	172 000	1969
1970	28.1 AT 02:36 EST ON APR 04	26.1 ON APR 04	1.25 ON AUG 27	127 000	1970
1971	40.8 AT 04:55 EST ON MAR 16	37.7 ON MAR 16	0.782 ON NOV 14	116 000	1971
1972	59.2 AT 15:10 EST ON MAR 22	51.3 ON MAR 22	1.39 B ON FEB 20	178 000	1972
1973	58.9 AT 00:26 EST ON MAR 15	54.7 ON MAR 15	1.25 E ON JUL 23	209 000	1973
1974	59.2 AT 09:08 EST ON MAR 05	54.4 ON JAN 28	1.60 ON AUG 21	211 000	1974
1975	68.5 AT 18:27 EST ON FEB 24	56.6 ON FEB 24	1.16 ON JUL 17	198 000	1975
1976	108 AT 19:55 EST ON MAR 05	69.1 ON MAR 05	1.79 ON SEP 15	246 000	1976
1977	95.7 AT 03:36 EST ON MAR 13	89.2 ON MAR 13	1.08 B ON JAN 26	232 000	1977
1978	78.7 AT 20:00 EST ON APR 01	63.4 ON APR 02	1.44 ON AUG 14	191 000	1978
1979	133 AT 12:42 EST ON APR 14	97.6 ON APR 14	1.06 ON AUG 10	230 000	1979
1980	75.3 AT 14:21 EST ON MAR 21	55.2 ON MAR 21	1.17 ON JUL 26	166 000	1980
1981	68.6 AT 14:44 EST ON FEB 23	59.0 ON FEB 19	0.958 ON JUL 27	177 000	1981
1982	82.5 AT 14:13 EST ON APR 03	74.9 ON MAR 31	1.04 ON AUG 24	267 000	1982
1983	45.3 AT 03:14 EST ON AUG 01	37.2 ON AUG 01	1.70 ON JUL 28	213 000	1983
1984	105 AT 13:49 EST ON FEB 14	96.5 ON FEB 14	1.41 ON AUG 25	229 000	1984
1985	111 AT 23:35 EST ON FEB 24	97.6 ON FEB 25	1.58 ON AUG 07	312 000	1985
1986	69.4 AT 19:09 EST ON MAR 19	58.1 ON MAR 19	1.67 ON SEP 08	223 000	1986
1987	45.3 AT 01:52 EST ON MAR 09	42.7 ON APR 06	1.58 ON AUG 01	169 000	1987
1988	34.1 AT 19:47 EST ON MAR 09	29.9 ON MAR 09	1.14 E ON SEP 01	126 000	1988
1989	22.8 AT 20:56 EST ON MAR 30	21.7 ON MAR 30	0.930E ON AUG 13	103 000	1989
1990	68.3 AT 12:35 EST ON DEC 30	65.5 ON DEC 30	1.65 B ON JAN 01	244 000	1990
				180 000	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

THAMES RIVER AT INNERKIP - STATION NO. 02GD021

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1978	---	---	---	---	---	---	0.122	0.075	0.322	0.234	0.634	0.995	---	1978
1979	1.51	0.598	9.25	6.44	1.34	0.453	0.220	0.147	0.124	0.184	2.48	4.39	2.27	1979
1980	1.70	0.627	7.57	4.51	1.11	0.763	0.273	0.119	0.214	0.472	0.455	1.40	1.61	1980
1981	0.153	7.50	1.49	1.86	0.698	0.218	0.082	0.081	0.750	2.27	1.12	0.917	1.38	1981
1982	0.756	0.219	9.62	6.73	0.803	1.49	0.232	0.464	2.93	0.818	4.92	6.67	2.96	1982
1983	1.18	2.31	1.89	3.23	3.45	1.10	1.13	2.40	0.452	0.783	1.97	3.50	1.95	1983
1984	0.733	7.30	3.62	2.31	0.865	0.944	0.295	0.100	0.708	0.348	1.30	3.06	1.77	1984
1985	1.51	5.42	9.35	4.53	0.304	0.682	1.15	2.29	1.01	1.81	5.97	2.22	3.00	1985
1986	1.53	0.734	7.75	1.95	1.28	0.806	0.204	0.130	1.69	2.92	1.33	2.04	1.88	1986
1987	1.20	0.476	5.66	3.53	0.618	0.460	0.379	0.127	0.219	0.508	1.59	3.93	1.57	1987
1988	0.756	1.14	4.40	1.99	0.814	0.117	0.080	0.037	0.061	0.422	2.03	1.23	1.09	1988
1989	1.86	0.544	3.43	2.17	0.394	1.02	0.084	0.042	0.051	0.112	0.667	0.155	0.879	1989
1990	3.45	4.11	3.98	1.44	1.36	0.203	0.681	0.364	0.365	2.66	3.24	5.12	2.24	1990
MEAN	1.36	2.58	5.67	3.39	1.09	0.688	0.379	0.490	0.684	1.04	2.13	2.74	1.88	MEAN

LOCATION - LAT 43 12 55 N
LONG 080 41 24 W
DRAINAGE AREA, 149 km²
REGULATED

THAMES RIVER AT INNERKIP - STATION NO. 02GD021

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1978	---	---	---	---	1978
1979	73.1 AT 07:12 EST ON APR 14	60.8 ON APR 14	0.040 ON AUG 15 0.069 ON SEP 29	71 700	1979
1980	---	69.0B ON MAR 18 *	0.025E ON AUG 23	50 900	1980
1981	35.0 AT 18:30 EST ON FEB 23	30.2 ON FEB 20	0 ON AUG 26 *	43 600	1981
1982	67.7 AT 18:52 EST ON MAR 31	59.1 ON MAR 31	0.057 ON AUG 19	94 100	1982
1983	27.3 AT 19:39 EST ON MAY 02	17.9 ON AUG 12	0.006 ON JUL 29	61 500	1983
1984	77.3B AT 20:09 EST ON FEB 14 *	40.0B ON FEB 14	0.029 ON AUG 28	56 100	1984
1985	68.7B AT 22:30 EST ON FEB 24	49.1 ON FEB 25	0.052 ON AUG 06	94 600	1985
1986	52.1 AT 17:31 EST ON MAR 19	38.2 ON MAR 19	0.038 ON SEP 03	59 200	1986
1987	28.4 AT 15:00 EST ON MAR 08	20.2 ON APR 05	0.049 ON AUG 01	49 400	1987
1988	20.5 AT 03:00 EST ON MAR 26	15.7 ON MAR 26	0.008 ON AUG 22	34 500	1988
1989	25.4 AT 16:30 EST ON JAN 08	15.3 ON MAR 29	0.019 ON AUG 28	27 700	1989
1990	46.6 AT 02:15 EST ON DEC 30	41.8 ON DEC 30	0.041 ON JUL 07	70 700	1990
				59 500	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

THAMES RIVER AT KILWORTH - STATION NO. 02GE001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1914	---	---	---	---	48.8	20.2	13.6	12.2	17.3	11.9	16.7	21.4	---	1914
1915	43.6	123	49.7	41.0	13.7	10.4	16.5	44.3	25.5	27.3	37.9	34.0	38.3	1915
1916	208	36.2	75.5	97.3	94.4	56.7	7.82	3.66	3.27	5.57	5.27	19.6	51.3	1916
1917	12.8	1.71	148	77.5	60.7	60.3	75.6	8.22	4.06	14.2	14.4	19.1	41.8	1917
1918	23.5	57.8	102	37.7	18.9	10.1	3.70	1.29	11.4	7.21	15.4	54.9	35.3	1918
1919	35.9	23.7	107	66.6	79.4	11.9	2.57	1.96	3.02	7.08	16.4	15.4	31.0	1919
1920	6.16	6.34	133	50.2	13.8	4.94	9.93	5.67	4.15	7.44	24.7	50.9	26.6	1920
1921	42.3	14.5	108	75.2	20.9	9.34	24.8	5.12	5.50	13.8	26.3	65.6	34.5	1921
1922	25.8	66.2	61.5	122	14.4	27.3	9.14	6.41	9.01	5.35	6.60	---	---	1922
MEAN	49.7	41.2	108	70.9	40.5	23.5	18.2	9.87	9.25	11.1	18.2	35.1	37.0	MEAN

LOCATION - LAT 42 57 50 N
LONG 081 23 32 W
DRAINAGE AREA, 3 290 km²
REGULATED

THAMES RIVER AT KILWORTH - STATION NO. 02GE001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1914	---	---	---	---	1914
1915	---	490 ON FEB 15	6.23 ON MAY 23	1 210 000	1915
1916	---	524 ON JAN 06	1.56 ON NOV 08	1 620 000	1916
1917	---	566 ON MAR 24	0 ON JAN 18 *	1 320 000	1917
1918	---	498 ON MAR 20	0 ON AUG 20	1 110 000	1918
1919	---	479 ON MAR 17	0.340 ON JUL 22	979 000	1919
1920	---	518 ON MAR 12	2.49 ON AUG 05	840 000	1920
1921	---	580 ON DEC 18 *	2.83 ON JUL 08	1 090 000	1921
1922	---	467 ON APR 12	2.38 ON SEP 01	---	1922
				1 170 000	MEAN

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

THAMES RIVER AT THAMESVILLE - STATION NO. 02GE003

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1938	---	---	113	46.7	22.5	---	---	---	---	---	---	---	---	1938
1939	---	---	---	155	13.9	---	---	---	---	---	---	---	---	1939
1940	---	---	---	191	---	---	---	---	---	---	---	---	---	1940
1941	---	---	---	---	8.85	---	---	---	---	---	---	---	---	1941
1945	---	---	174	83.2	---	---	---	---	---	---	---	---	---	1945
1946	---	---	152	17.1	24.2	---	---	---	---	---	---	---	---	1946
1947	---	---	127	276	92.7	---	---	---	---	---	---	---	---	1947
1948	---	---	242	76.5	80.2	---	---	---	---	---	---	---	---	1948
1949	---	---	99.4	47.4	20.0	---	---	---	---	---	---	---	---	1949
1951	---	---	155	179	---	---	---	---	---	---	---	---	---	1951
1955	---	---	182	81.3	17.0	6.11	4.20	2.77	3.24	9.09	29.8	38.5	---	1955
1956	14.2	22.6	196	122	194	17.4	20.4	31.0	47.9	15.1	14.4	61.5	63.4	1956
1957	58.4	62.3	99.5	93.9	38.3	15.4	35.9	5.61	17.7	17.1	62.5	134	53.3	1957
1958	30.6	18.5	87.4	39.0	10.5	10.4	9.47	4.51	11.6	6.99	18.6	17.0	22.1	1958
1959	27.2	50.4	182	138	45.5	16.4	7.06	6.92	8.00	30.2	57.1	76.7	53.8	1959
1960	50.9	52.0	39.7	278	84.8	51.6	11.3	7.29	5.75	6.79	9.06	6.84	50.0	1960
1961	4.91	42.7	63.3	82.9	48.2	17.9	12.4	14.1	9.43	5.74	21.2	35.0	29.7	1961
1962	15.8	14.8	150	61.6	17.5	9.04	4.15	6.22	4.09	8.46	26.9	28.6	29.0	1962
1963	11.4	6.73	152	69.5	17.4	10.8	4.66	3.40	3.75	3.61	4.71	4.07	26.2	1963
1964	18.2	23.5	79.5	68.2	27.5	6.32	5.19	26.6	12.9	5.74	5.53	40.2	26.7	1964
1965	55.2	142	142	152	26.2	6.73	4.34	3.92	4.41	12.6	30.3	104	56.3	1965
1966	37.7	70.1	101	59.9	35.0	25.8	5.81	8.06	7.76	9.77	37.6	134	44.3	1966
1967	62.6	40.5	99.0	149	43.5	40.6	28.4	24.6	13.2	55.6	99.1	113	64.2	1967
1968	47.4	164	125	51.0	22.9	33.4	17.3	12.5	18.1	29.4	38.7	83.0	53.1	1968
1969	83.3	140	101	133	73.9	29.2	12.0	8.49	7.98	9.28	28.5	33.8	54.4	1969
1970	15.5	29.8	71.7	118	34.0	12.5	12.5	6.72	7.41	11.9	34.1	73.1	35.6	1970
1971	33.7	57.9	146	114	17.1	9.31	6.39	7.99	7.33	7.73	11.2	23.7	36.7	1971
1972	35.2	19.5	132	148	42.0	16.4	20.1	18.1	9.53	20.5	59.7	73.2	49.6	1972
1973	120	47.1	229	71.0	46.2	23.4	11.2	9.77	7.58	10.4	44.3	66.7	57.5	1973
1974	134	90.2	144	95.5	102	23.9	17.3	10.3	9.48	10.8	23.6	28.1	57.3	1974
1975	79.2	91.7	146	135	28.2	28.1	12.3	19.9	41.7	18.6	20.0	52.0	55.8	1975
1976	36.5	177	263	82.2	22.0	17.2	38.5	37.6	19.2	22.9	38.4	24.5	68.8	1976
1977	11.3	18.3	292	95.6	24.4	11.1	15.4	12.0	52.3	70.8	66.8	159	69.6	1977
1978	29.8	27.4	129	265	49.2	14.1	9.31	8.72	20.6	24.4	22.7	39.8	53.5	1978
1979	54.0	20.2	198	219	47.0	19.3	11.0	12.4	11.3	18.4	79.0	114	67.2	1979
1980	69.2	19.4	132	121	39.1	25.2	23.4	20.6	20.2	25.2	18.7	41.2	46.3	1980
1981	13.3	187	68.1	72.9	43.5	22.4	12.0	13.8	51.7	86.3	53.8	44.3	54.7	1981
1982	45.8	15.9	189	214	26.8	45.7	18.3	16.3	25.7	28.5	110	173	76.1	1982
1983	56.0	74.6	51.6	84.9	112	45.4	23.2	68.2	23.9	24.6	48.9	123	61.3	1983
1984	17.5	223	130	78.5	41.1	71.3	31.4	16.3	47.3	21.8	54.0	74.0	66.3	1984
1985	77.6	129	289	155	21.1	20.5	16.5	20.3	32.8	50.0	146	73.6	85.6	1985
1986	72.7	51.6	193	64.4	36.5	36.4	20.7	18.2	66.0	130	43.7	85.6	68.5	1986
1987	47.5	41.9	109	103	17.5	17.9	12.5	11.6	11.9	13.9	43.3	109	43.4	1987
1988	29.8	46.1	101	36.7	24.7	8.60	8.63	10.2	9.22	31.3	75.5	45.1	37.2	1988
1989	49.3	35.5	59.3	84.5	25.5	39.3	10.9	8.19	9.13	11.4	28.9	16.5	31.6	1989
1990	93.9	127	110	61.8	46.3	22.9	30.6	29.1	42.0	87.2	92.9	114	71.1	1990
MEAN	46.8	67.4	141	113	43.9	23.1	15.1	15.1	19.5	26.4	44.4	68.5	52.0	MEAN

LOCATION - LAT 42 32 42 N DRAINAGE AREA, 4 300 km²
LONG 081 58 04 W REGULATED SINCE 1953

THAMES RIVER AT THAMESVILLE - STATION NO. 02GE003

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1938	---	---	---	---	1938
1939	---	428 ON APR 19	---	---	1939
1940	---	694 ON APR 10	---	---	1940
1941	---	---	---	---	1941
1945	---	---	---	---	1945
1946	---	---	---	---	1946
1947	---	549 ON MAR 10	---	---	1947
1948	816 AT 15:00 EST ON MAR 22	1 090E ON APR 07 *	---	---	1948
1949	---	813 ON MAR 22	---	---	1949
1951	---	521 ON FEB 17	---	---	1951
1955	---	411 ON APR 01	---	---	1955
1956	---	450 ON MAR 14	1.64 ON SEP 07 *	---	1956
1957	---	691 ON MAR 10	6.71 ON AUG 04	2 000 000	1957
1958	---	498 ON DEC 24	3.79 ON AUG 21	1 680 000	1958
1959	---	150 ON MAR 26	3.20 ON AUG 18	697 000	1959
1960	---	419 ON APR 05	4.25 ON SEP 20	1 700 000	1960
1961	---	753 ON APR 06	4.59 ON SEP 07	1 580 000	1961
1962	---	222B ON FEB 25	3.65B ON JAN 21	936 000	1962
1963	716 AT 15:00 EST ON MAR 30	261 ON MAR 31	3.03 ON JUL 22	916 000	1963
1964	---	714 ON MAR 30	2.46 ON AUG 30	826 000	1964
1965	725B AT 07:00 EST ON MAR 08	224A ON APR 09	3.17 ON JUN 30	843 000	1965
1966	603 AT 06:00 EST ON DEC 11	714B ON MAR 08	3.03 ON AUG 26	1 770 000	1966
1967	408 AT 12:00 EST ON APR 06	593 ON DEC 11	3.99 ON JUL 15	1 400 000	1967
1968	838B AT 11:00 EST ON FEB 05	402 ON APR 06	7.99 ON SEP 15	2 020 000	1968
1969	566B AT 20:47 EST ON FEB 02	827B ON FEB 05	5.72 ON JUL 29	1 680 000	1969
1970	294 AT 01:31 EST ON APR 05	538B ON FEB 02	4.87 ON SEP 27	1 710 000	1970
1971	348 AT 22:03 EST ON APR 04	289 ON APR 05	5.32 ON AUG 25	1 120 000	1971
1972	360 AT 06:06 EST ON APR 19	328 ON APR 04	4.90 ON JUL 06	1 160 000	1972
1973	513 AT 04:01 EST ON MAR 15	351 ON APR 19	5.61 ON OCT 09	1 570 000	1973
1974	524 AT 08:54 EST ON MAR 08	498 ON MAR 15	6.34 ON SEP 13	1 810 000	1974
1975	464 AT 11:05 EST ON APR 22	515 ON MAR 08	8.16 ON AUG 21	1 810 000	1975
1976	606 AT 22:56 EST ON MAR 08	453 ON APR 22	9.23 ON AUG 20	1 760 000	1976
1977	960 AT 15:23 EST ON MAR 16 *	586 ON MAR 08	10.2 ON SEP 08	2 180 000	1977
1978	547B AT 21:15 EST ON MAR 23	946 ON MAR 16	7.48 ON JUN 17	2 190 000	1978
1979	698 AT 05:53 EST ON APR 17	530 ON APR 09	7.16 ON SEP 09	1 690 000	1979
1980	---	678 ON APR 17	5.51 ON JUL 27	2 120 000	1980
1981	586 AT 04:43 EST ON FEB 26	498E ON MAR 23	9.35 ON AUG 30	1 470 000	1981
1982	690 AT 04:55 EST ON APR 04	578 ON FEB 26	7.95 ON JUL 19	1 730 000	1982
1983	---	673 ON APR 04	8.81 ON AUG 24	2 400 000	1983
1984	---	335E ON MAY 04	9.13 ON JUL 28	1 930 000	1984
1985	---	716B ON FEB 17	10.7 ON AUG 28	2 100 000	1985
1986	456 AT 13:46 EST ON MAR 22	749B ON FEB 27	8.60 ON AUG 14	2 700 000	1986
1987	324 AT 05:33 EST ON APR 08	449 ON MAR 22	9.42 ON SEP 09	2 160 000	1987
1988	295 AT 16:52 EST ON MAR 28	311 ON APR 08	7.70 ON MAY 25	1 370 000	1988
1989	214 AT 12:01 EST ON MAR 31	278 ON MAR 28	4.79 ON JUL 10	1 180 000	1989
1990	393 AT 23:59 EST ON DEC 31	211 ON MAR 31	6.75E ON JUL 20	996 000	1990
		376 ON DEC 31	11.7 E ON JUN 22	2 240 000	MEAN
				1 640 000	

A - MANUAL GAUGE (SEE REFERENCE INDEX)
B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

THAMES RIVER AT WOODSTOCK - STATION NO. 02GD012

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1952	---	---	7.78	6.34	1.44	0.366	0.264	0.229	0.233	0.240	0.365	0.777	---	1952
1953	1.69	2.45	8.05	2.06	3.35	5.22	0.500	0.343	0.279	0.278	0.346	0.536	2.09	1953
1954	0.892	8.86	8.80	7.97	1.26	0.454	0.193	0.169	0.218	3.45	0.804	2.22	2.90	1954
1955	3.85	1.39	10.4	5.11	0.752	0.277	0.119	0.130	0.136	0.352	1.50	2.05	2.18	1955
1956	0.760	1.12	12.6	8.36	8.68	1.35	1.99	10.0	4.22	1.27	1.01	3.70	4.62	1956
1957	3.33	3.90	4.48	4.80	2.10	1.81	2.20	0.339	0.780	0.624	3.22	6.55	2.84	1957
1958	0.893	0.647	4.52	1.92	0.463	0.272	0.393	0.177	0.727	0.414	0.963	0.779	1.02	1958
1959	1.53	2.48	12.0	10.0	2.71	0.647	0.336	0.265	0.321	1.69	3.54	3.76	3.27	1959
1960	1.72	3.08	3.89	17.7	5.05	2.58	0.607	0.455	0.265	0.320	0.418	0.371	3.02	1960
1961	0.198	2.76	3.65	3.48	2.55	0.668	0.595	0.591	0.550	0.264	1.02	1.59	1.48	1961
1962	0.383	0.500	8.83	2.73	0.831	0.678	2.227	0.298	0.212	0.554	1.46	1.93	1.56	1962
1963	0.547	0.437	9.60	2.32	1.47	0.648	0.279	0.209	0.190	0.164	0.248	0.198	1.37	1963
1964	0.548	0.457	3.30	3.62	1.15	0.355	0.305	1.88	0.450	0.313	0.415	2.46	1.36	1964
1965	2.88	8.47	7.05	13.4	1.50	0.371	0.292	0.192	0.176	0.500	1.60	5.69	3.46	1965
1966	1.79	3.39	6.28	3.35	2.35	1.30	0.326	0.353	0.227	0.300	2.61	7.57	2.49	1966
1967	4.04	1.61	5.26	8.54	2.01	4.15	1.62	2.68	1.58	4.60	6.03	8.18	4.20	1967
1968	1.96	9.66	7.10	2.88	0.463	0.530	0.921	0.668	0.546	1.60	1.42	4.75	2.69	1968
1969	2.82	5.45	8.38	7.64	3.52	0.740	0.545	0.712	0.785	0.400	2.41	1.17	2.86	1969
1970	0.608	1.12	4.59	5.35	1.35	0.729	0.939	1.21	0.832	1.15	2.43	4.42	2.06	1970
1971	1.57	2.07	7.20	8.23	1.09	0.648	0.672	0.612	0.569	0.489	0.528	1.77	2.12	1971
1972	1.92	0.670	8.78	9.92	1.78	1.19	1.88	1.97	1.00	1.17	4.03	4.93	3.28	1972
1973	6.10	3.19	14.1	3.35	2.40	1.16	0.698	0.648	0.763	1.24	2.35	4.00	3.35	1973
1974	6.90	3.50	8.16	3.61	6.59	1.38	1.03	0.872	0.989	0.852	0.848	2.04	3.08	1974
1975	3.61	5.12	7.75	6.75	1.12	2.08	0.744	1.02	2.35	0.800	2.28	3.29	3.06	1975
1976	2.00	9.50	12.8	3.34	4.17	0.853	1.24	3.71	1.16	2.50	2.79	4.24	3.77	1976
1977	0.530	0.657	12.4	5.49	1.80	0.564	1.08	1.28	4.38	6.45	3.45	7.18	3.80	1977
1978	1.90	1.43	6.09	12.5	2.71	0.988	1.11	0.747	1.28	1.49	1.30	1.85	2.78	1978
1979	2.64	1.10	10.1	12.8	2.10	1.22	0.496	1.27	0.845	1.64	3.86	6.41	3.72	1979
1980	2.95	1.06	7.58	5.59	2.51	1.27	0.580	0.812	1.55	1.35	0.764	2.01	2.34	1980
1981	0.548	9.67	2.84	2.16	2.71	0.465	0.376	0.878	2.21	4.28	2.35	1.45	2.44	1981
1982	1.32	0.691	8.87	14.1	0.717	3.05	0.932	1.31	4.04	3.07	6.93	10.3	4.62	1982
1983	2.30	3.98	2.25	3.02	6.42	2.62	1.81	4.68	1.75	2.99	3.63	6.14	3.47	1983
1984	1.16	11.6	4.72	4.78	1.38	2.64	1.35	0.732	1.20	2.00	2.14	3.34	3.05	1984
1985	3.07	5.03	16.6	9.63	0.461	0.706	1.89	3.19	2.94	4.08	8.91	4.19	5.05	1985
1986	3.72	1.62	10.7	1.79	2.50	1.45	1.24	0.868	1.76	7.30	2.38	3.90	3.29	1986
1987	2.03	0.905	5.18	6.82	0.634	0.827	1.29	0.985	1.20	1.29	2.38	7.23	2.58	1987
1988	1.62	2.27	4.61	2.54	1.11	0.513	0.546	0.575	0.536	1.71	3.56	1.95	1.79	1988
1989	2.87	1.21	2.73	3.48	0.377	1.58	0.594	0.609	0.967	0.891	1.04	1.02	1.45	1989
1990	4.58	6.62	6.31	0.906	2.41	0.742	2.14	1.66	1.62	5.24	5.86	6.93	3.74	1990
MEAN	2.20	3.41	7.62	6.11	2.26	1.26	0.881	1.26	1.18	1.78	2.39	3.59	2.85	MEAN

LOCATION - LAT 43 08 39 N LONG 080 45 04 W
DRAINAGE AREA, 254 km²
REGULATED

THAMES RIVER AT WOODSTOCK - STATION NO. 02GD012

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1952	41.1 AT 20:00 EST ON MAR 11	28.2 ON MAR 12	0.170 ON JUN 19	---	1952
1953	56.9 AT 02:00 EST ON JUN 18	32.8 ON JUN 18	0.198 ON NOV 05	65 900	1953
1954	150 AT 20:00 EST ON FEB 16	75.0 ON FEB 16	0.142 ON JUL 15	91 400	1954
1955	---	35.4E ON MAR 11	0.028 ON OCT 23	68 800	1955
1956	169 AT 07:00 EST ON MAR 07 *	121 ON MAR 07 *	0.453 ON AUG 03	146 000	1956
1957	---	45.6 ON DEC 21	0.255 ON AUG 06	89 500	1957
1958	---	12.0 ON MAR 23	0.113 ON AUG 10	32 100	1958
1959	51.5 AT 11:00 EST ON APR 02	50.1 ON APR 02	0.142 ON JUL 19	103 000	1959
1960	71.4B AT 15:00 EST ON MAR 31	64.8B ON MAR 31	0.218 ON SEP 08	95 300	1960
1961	---	16.4B ON FEB 23	0.170B ON JAN 11	46 800	1961
1962	32.3B AT 21:00 EST ON MAR 24	22.0B ON MAR 24	0.099 ON JUL 15	49 300	1962
1963	69.5 AT 05:00 EST ON MAR 26	67.4 ON MAR 26	0.147 ON OCT 14	43 300	1963
1964	20.5 AT 14:30 EST ON APR 07	15.7 ON APR 07	0.176 ON JUL 29	43 000	1964
1965	98.5 AT 02:00 EST ON MAR 06	69.9 ON MAR 06	0.142 ON AUG 24	109 000	1965
1966	83.5 AT 03:30 EST ON DEC 08	57.2 ON DEC 08	0.156 ON SEP 20	78 400	1966
1967	36.5 AT 07:00 EST ON JAN 26	31.7 ON APR 04	0.008 ON JUL 09 *	133 000	1967
1968	51.3B AT 11:15 EST ON FEB 02	30.3B ON FEB 02	0.184 ON MAY 24	84 900	1968
1969	40.8 AT 15:19 EST ON JAN 30	26.3 ON MAR 22	0.014 ON DEC 05	90 200	1969
1970	16.5 AT 19:46 EST ON APR 04	16.4 ON APR 05	0.391B ON JAN 19	65 100	1970
1971	52.4 AT 16:15 EST ON APR 02	23.6 ON APR 04	0.428 ON OCT 27	66 800	1971
1972	30.6 AT 10:31 EST ON MAR 22	27.2 ON APR 15	0.538 ON FEB 25	104 000	1972
1973	39.9 AT 18:27 EST ON MAR 15	36.5 ON MAR 15	0.555 ON OCT 11	106 000	1973
1974	123 AT 10:36 EST ON MAR 06	34.3 ON JAN 28	0.085 ON DEC 03	97 000	1974
1975	30.9 AT 14:56 EST ON APR 23	25.0 ON APR 23	0.564 ON OCT 19	96 400	1975
1976	26.6 AT 20:50 EST ON FEB 29	25.0 ON MAR 01	0.648 ON JUN 22	119 000	1976
1977	35.7 AT 07:42 EST ON MAR 13	34.0 ON MAR 13	0.337B ON JAN 26	120 000	1977
1978	30.9 AT 22:14 EST ON APR 02	29.2 ON APR 02	0.510 ON NOV 13	87 700	1978
1979	110 AT 07:28 EST ON APR 14	38.8 ON APR 14	0.405 ON JUN 26	117 000	1979
1980	27.2 AT 10:52 EST ON MAR 21	23.4 ON MAR 18	0.200 ON AUG 13	74 100	1980
1981	26.4 AT 00:01 EST ON FEB 24	26.1 ON FEB 24	0.247 ON JUL 15	77 100	1981
1982	54.4 AT 19:30 EST ON APR 01	50.5 ON APR 02	0.573 ON JUL 16	146 000	1982
1983	25.3 AT 12:06 EST ON JUL 31	21.5 ON JUL 31	0.781 ON JUL 27	109 000	1983
1984	31.4 AT 03:35 EST ON FEB 16	31.0 ON FEB 16	0.654 ON AUG 25	96 400	1984
1985	31.9 AT 21:53 EST ON MAR 31	30.6 ON APR 01	0.240 ON AUG 10	159 000	1985
1986	21.7 AT 09:36 EST ON SEP 23	19.8 ON MAR 20	0.697 ON APR 19	104 000	1986
1987	21.0 AT 19:56 EST ON MAR 08	18.6 ON APR 07	0.416 ON MAY 27	81 200	1987
1988	20.5 AT 20:13 EST ON MAR 09	18.6 ON MAR 09	0.383 ON DEC 14	56 700	1988
1989	19.2 AT 22:20 EST ON MAR 29	18.9 ON MAR 30	0.143 ON JUL 06	45 600	1989
1990	20.1 AT 20:58 EST ON DEC 30	19.8 ON DEC 31	0.440 ON JAN 01	118 000	1990
				89 900	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

THAMES RIVER NEAR DUTTON - STATION NO. 02GE006

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1971	---	---	---	---	---	---	5.76	6.43	6.14	6.80	9.71	18.7	---	1971
1972	29.9	13.9	120	138	38.2	14.5	16.7	14.9	9.04	19.9	50.7	70.0	44.7	1972
1973	112	46.9	204	62.1	41.6	20.6	9.66	8.57	6.78	10.6	45.4	52.6	51.8	1973
1974	111	71.9	127	85.3	94.9	22.3	16.4	9.87	8.11	9.49	21.9	20.3	49.8	1974
1975	67.6	76.8	128	127	24.9	24.0	11.0	14.9	29.5	15.8	18.2	44.4	48.2	1975
1976	32.1	158	230	72.8	62.8	16.2	31.9	32.9	18.8	22.4	37.0	21.0	61.1	1976
1977	10.3	15.2	244	86.8	21.1	11.1	13.8	12.2	48.5	61.7	56.9	127	59.5	1977
1978	25.3	21.6	102	240	38.5	15.4	9.08	7.87	19.5	22.8	20.7	35.2	46.5	1978
1979	36.2	17.6	183	175	37.8	15.8	9.79	10.7	8.66	16.1	72.8	106	57.6	1979
1980	43.8	15.4	115	107	35.0	19.9	22.4	14.1	14.6	21.0	14.9	37.0	38.4	1980
1981	11.2	167	58.4	61.4	35.2	18.2	9.83	10.4	45.8	73.0	44.9	34.8	46.6	1981
1982	34.2	13.3	166	196	25.4	38.9	14.8	13.9	23.3	23.6	96.3	156	67.0	1982
1983	47.2	63.0	42.2	72.5	94.6	39.9	20.1	58.1	21.3	21.7	42.4	104	52.3	1983
1984	17.0	184	107	68.5	33.6	61.4	26.7	13.2	40.0	18.0	45.2	71.1	56.5	1984
1985	62.6	118	255	133	18.2	17.1	14.8	18.9	28.0	46.1	128	64.8	75.1	1985
1986	63.4	43.9	179	56.4	31.2	26.0	17.6	16.1	68.2	122	37.8	73.0	61.5	1986
1987	39.7	19.6	101	89.5	14.6	16.7	11.3	9.80	10.1	11.5	35.5	88.8	37.5	1987
1988	25.2	39.5	97.2	50.9	21.3	7.57	7.73	8.87	7.97	31.0	76.4	41.6	34.6	1988
1989	43.3	30.4	58.2	73.3	19.3	26.9	8.91	7.27	7.78	9.78	24.9	14.9	27.0	1989
1990	89.4	113	101	52.8	38.6	17.0	27.4	25.5	34.5	85.7	90.3	107	65.0	1990
MEAN	47.4	64.7	138	103	38.2	22.6	15.3	15.7	22.8	32.4	48.5	64.4	51.6	MEAN

LOCATION - LAT 42 43 51 N LONG 081 34 43 W DRAINAGE AREA, 3 760 km² REGULATED SINCE 1953

THAMES RIVER NEAR DUTTON - STATION NO. 02GE006

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1971	42.8 AT 11:13 EST ON DEC 16	---	---	---	1971
1972	---	368A ON APR 18	4.87 ON OCT 08	1 410 000	1972
1973	464 AT 23:28 EST ON MAR 13	453 ON MAR 14	5.35 ON SEP 11	1 630 000	1973
1974	530 AT 05:56 EST ON MAR 07	513 ON MAR 07	6.43 ON SEP 07	1 570 000	1974
1975	481 AT 12:46 EST ON APR 21	467 ON APR 21	7.76 ON JUL 10	1 520 000	1975
1976	---	524E ON MAR 08	10.6 ON SEP 07	1 930 000	1976
1977	940 A AT 12:00 EST ON MAR 15 *	895A ON MAR 15 *	8.04 ON JUN 16	1 880 000	1977
1978	510 AT 02:10 EST ON APR 09	501 ON APR 09	6.37 ON SEP 03	1 470 000	1978
1979	595 AT 01:09 EST ON APR 16	580B ON MAR 06	5.10E ON JUL 27	1 820 000	1979
1980	478 AT 10:53 EST ON MAR 23	468 ON MAR 23	8.04 ON AUG 29	1 210 000	1980
1981	557 AT 05:22 EST ON FEB 25	551 ON FEB 25	6.96 ON JUL 27	1 470 000	1981
1982	669 AT 23:27 EST ON APR 02	629 ON APR 03	7.52 ON AUG 22	2 110 000	1982
1983	324 AT 12:28 EST ON MAY 04	313 ON MAY 04	7.92 ON JUL 28	1 650 000	1983
1984	---	569B ON FEB 17	9.07 ON AUG 27	1 790 000	1984
1985	---	693B ON FEB 26	7.05 ON JUN 16	2 370 000	1985
1986	493 AT 16:29 EST ON MAR 21	479 ON MAR 21	8.38 ON SEP 08	1 940 000	1986
1987	300 AT 14:58 EST ON MAR 10	293 ON MAR 10	6.56 ON MAY 24	1 180 000	1987
1988	287 AT 06:49 EST ON MAR 28	280 ON MAR 28	4.10 ON JUL 09 *	1 090 000	1988
1989	210 AT 23:11 EST ON MAR 30	201 ON MAR 31	6.47 ON JUL 19	851 000	1989
1990	474 AT 23:59 EST ON DEC 31	406 ON DEC 31	8.12 ON JUL 08	2 050 000	1990
				1 630 000	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX) B - ICE CONDITIONS E - ESTIMATED * - EXTREME RECORDED FOR THE PERIOD OF RECORD

THAMES RIVER NEAR EALING - STATION NO. 02GD001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1915	---	---	---	---	---	3.49	5.66	16.3	12.3	11.7	13.3	16.0	---	1915
1916	60.6	20.4	33.9	34.9	34.4	26.4	4.12	2.50	2.04	3.25	3.14	4.50	19.2	1916
1917	7.07	3.29	42.0	30.6	20.0	28.0	33.9	4.69	3.25	7.66	8.19	5.91	16.3	1917
1918	3.30	28.3	58.7	12.8	6.97	3.25	1.04	0.726	4.56	3.63	4.93	16.6	12.0	1918
1919	15.1	9.02	34.1	25.5	30.5	4.49	1.89	1.78	2.19	4.69	8.89	7.37	12.2	1919
1920	2.46	2.64	44.1	18.7	6.46	3.20	4.66	3.91	2.02	3.83	9.86	17.7	10.0	1920
1921	16.1	6.79	36.3	29.7	9.79	4.12	15.6	3.24	3.41	7.77	12.7	26.1	14.4	1921
1922	12.9	26.7	24.5	46.4	6.67	12.5	4.14	3.80	6.02	3.54	4.10	3.91	12.8	1922
1923	6.60	2.52	47.2	30.0	13.8	5.52	3.12	1.96	4.00	2.23	4.11	33.9	13.0	1923
1924	24.9	9.67	46.9	31.8	25.9	7.31	4.35	6.03	2.96	3.17	2.80	4.18	14.2	1924
1925	2.79	38.6	51.0	9.84	3.71	1.73	1.61	2.13	2.09	2.53	9.72	6.97	10.9	1925
1926	6.97	7.59	56.8	51.3	8.27	4.33	1.75	6.45	15.3	21.2	47.9	11.2	19.9	1926
1927	6.57	18.8	45.5	14.0	17.9	6.18	16.2	3.49	2.44	3.34	12.4	27.0	14.5	1927
1928	19.9	16.4	28.5	24.4	6.83	15.4	6.87	4.90	2.72	7.17	20.4	20.7	14.5	1928
1929	24.1	6.94	62.7	44.5	21.3	4.57	2.98	2.24	1.90	2.27	4.94	2.63	15.2	1929
1930	45.9	60.3	28.9	21.2	6.77	5.18	2.02	1.57	1.78	1.81	1.91	2.66	14.7	1930
1931	1.95	3.20	19.6	17.4	6.78	3.01	5.17	2.85	3.03	2.68	5.57	15.7	7.28	1931
1932	46.2	25.2	17.3	22.1	19.0	8.45	5.63	4.69	5.20	5.40	19.1	24.5	16.9	1932
1933	17.0	14.7	27.1	39.1	6.63	2.55	5.31	2.17	1.90	2.10	4.46	7.96	10.6	1933
1934	21.2	9.66	35.1	47.9	5.87	2.37	2.36	2.44	3.67	2.65	4.12	3.43	11.7	1934
1935	20.5	15.0	46.2	6.29	7.09	4.62	1.95	1.87	1.59	1.76	4.82	5.18	9.75	1935
1936	3.57	7.36	54.1	21.2	7.25	1.87	0.619	0.738	0.911	1.12	2.56	5.72	8.95	1936
1937	55.5	39.1	11.6	76.7	15.9	8.06	2.42	3.50	2.89	5.80	4.92	3.82	19.0	1937
1938	5.52	70.3	35.6	15.3	7.73	3.73	1.56	2.91	2.10	1.65	2.13	2.52	12.2	1938
1939	5.24	23.6	37.7	47.7	5.54	2.52	1.93	2.16	1.62	1.88	1.89	1.92	11.0	1939
1940	2.04	2.07	5.75	57.2	15.1	14.9	5.53	4.86	10.8	6.72	15.5	36.8	14.7	1940
1941	14.7	7.02	15.3	16.1	2.90	1.74	1.49	1.92	1.82	1.95	3.91	3.88	6.05	1941
1942	5.52	11.6	42.3	12.7	8.82	6.74	3.20	2.66	7.57	13.7	28.5	20.8	13.7	1942
1943	21.2	46.3	52.4	23.4	35.9	16.4	12.9	3.88	2.87	2.80	4.31	4.24	19.0	1943
1944	5.49	10.1	26.6	25.3	10.0	4.79	2.33	2.13	3.95	2.63	2.49	2.83	8.21	1944
1945	1.39	3.68	41.7	27.0	33.0	14.1	9.13	4.65	6.13	26.1	11.1	8.71	15.7	1945
1946	20.4	19.2	43.2	5.75	6.47	5.88	2.90	2.94	2.95	3.74	4.44	9.40	10.6	1946
1947	29.7	12.2	38.5	69.7	26.7	29.6	6.58	4.44	5.67	4.87	5.48	10.1	20.3	1947
1948	6.10	19.3	56.4	20.4	22.0	5.22	8.57	4.31	2.93	3.29	6.90	6.32	13.5	1948
1949	22.3	48.2	28.9	13.8	5.79	3.24	4.16	3.10	3.42	4.22	3.27	31.9	14.2	1949
1950	49.5	18.4	52.7	43.5	6.42	3.99	5.86	6.38	4.76	5.39	12.7	28.8	19.9	1950
1951	29.0	41.6	51.1	36.9	9.68	6.13	7.68	3.95	3.77	4.96	15.0	12.8	18.4	1951
1952	36.2	22.2	33.9	30.2	10.6	4.24	4.09	4.17	3.53	2.99	3.55	6.54	13.5	1952
1953	10.0	11.0	33.6	13.9	12.7	12.7	3.52	2.95	2.41	2.52	2.98	4.38	9.39	1953
1954	7.32	44.4	44.2	43.5	9.94	5.05	3.03	2.59	2.82	29.9	9.42	13.7	17.8	1954
1955	19.7	13.4	47.7	19.9	6.59	3.79	3.09	2.77	3.04	4.34	10.5	11.8	12.2	1955
1956	4.43	8.93	55.4	15.0	43.5	6.52	10.4	25.2	22.7	8.30	7.94	18.9	20.7	1956
1957	18.1	21.8	23.3	29.5	11.3	6.31	9.42	2.33	5.80	5.26	16.9	33.0	15.2	1957
1958	7.74	6.36	25.5	11.2	3.91	4.30	2.12	2.12	4.20	6.82	4.67	4.48	6.71	1958
1959	7.82	13.0	47.5	34.5	11.3	6.51	3.14	2.98	3.25	9.96	15.8	19.2	14.6	1959
1960	11.9	16.3	14.5	73.0	20.7	11.8	4.59	3.31	2.59	2.68	3.84	3.00	13.9	1960
1961	2.06	16.9	25.5	21.2	13.9	5.17	5.08	5.04	4.13	2.72	5.45	8.58	9.59	1961
1962	5.52	5.24	42.8	17.9	8.25	4.24	2.32	2.65	2.30	3.81	7.86	11.0	9.54	1962
1963	4.09	2.74	48.4	14.8	9.74	4.14	2.39	1.93	1.76	1.57	2.21	1.83	8.03	1963
1964	4.61	4.10	17.3	18.9	8.97	3.02	2.74	13.8	5.64	3.39	3.54	13.8	8.35	1964
1965	15.4	44.1	42.3	54.7	8.85	2.90	2.46	2.00	2.05	4.37	8.10	22.2	17.2	1965
1966	10.0	17.8	31.9	19.5	11.5	7.63	2.62	3.09	2.69	2.74	11.5	41.7	13.6	1966
1967	20.1	10.6	34.2	46.5	14.8	12.4	8.63	8.07	5.03	14.1	24.6	33.3	19.4	1967
1968	12.5	61.5	41.4	17.1	6.58	9.46	5.54	3.55	4.92	7.60	14.3	18.4	16.7	1968
1969	31.5	26.2	35.1	44.7	21.8	7.93	3.74	3.26	3.24	3.63	9.85	7.37	16.5	1969
1970	5.42	8.13	22.5	28.0	9.27	3.95	4.74	3.41	3.34	4.81	13.0	19.5	10.5	1970
1971	8.44	15.7	44.3	33.3	6.36	3.81	2.82	2.59	2.48	5.92	2.82	6.09	10.9	1971
1972	8.27	4.41	45.2	41.0	13.3	6.23	7.68	6.30	4.06	4.98	18.2	23.3	15.7	1972
1973	26.4	15.4	71.9	23.3	13.2	7.08	4.00	3.90	2.95	4.81	16.5	16.6	17.2	1973
1974	35.1	20.8	40.2	27.0	26.0	9.30	7.38	5.14	4.29	4.15	10.8	9.71	16.7	1974
1975	21.7	28.0	43.6	33.6	9.10	9.62	4.22	6.77	10.3	5.51	9.32	16.3	16.4	1975
1976	12.4	55.3	70.8	23.1	22.6	5.95	12.3	12.8	6.34	8.68	11.9	7.02	20.7	1976
1977	4.13	6.49	76.1	20.2	8.38	4.48	4.18	5.23	18.0	23.5	18.6	40.3	19.9	1977
1978	8.87	10.2	42.9	72.2	14.5	5.74	3.71	3.41	6.36	6.89	7.76	11.4	16.1	1978
1979	15.2	8.28	58.1	58.3	13.7	6.54	4.14	5.65	4.26	6.84	23.1	33.3	19.8	1979
1980	17.6	7.77	37.8	37.3	14.2	7.26	9.38	5.41	7.02	9.30	5.92	13.7	14.4	1980
1981	4.76	55.5	18.1	20.5	12.3	7.45	4.43	6.20	18.3	21.4	13.9	9.72	15.7	1981
1982	9.91	6.58	61.8	58.6	11.1	16.7	6.26	5.66	9.01	8.01	27.8	50.8	22.7	1982
1983	14.9	20.3	17.0	25.5	30.5	12.4	7.01	20.7	7.73	8.13	14.7	31.3	17.5	1983
1984	8.38	72.1	33.3	27.3	12.8	24.1	11.5	5.64	15.9	7.17	13.1	22.7	20.9	1984
1985	17.5	46.3	82.6	44.2	7.08	6.44	7.16	9.69	8.78	18.5	45.5	23.3	26.2	1985
1986	20.6	11.5	56.5	18.8	13.0	9.63	7.38	5.77	13.5	32.8	13.4	24.9	19.1	1986
1987	14.0	6.57	33.5	34.6	7.44	7.67	5.78	4.07	4.14	5.19	11.0	29.6	13.7	1987
1988	8.60	14.0	29.4	15.7	8.12	3.18	3.73	4.38	4.23	8.29	20.6	13.2	11.0	1988
1989	16.9	10.8	18.9	21.7	6.68	9.63	3.58	2.87	3.46	3.91	8.03	4.47	9.21	1989
1990	26.8	39.0	35.1	16.1	16.6	7.30	12.0	9.35	11.6	23.8	28.9	41.9	22.3	1990
MEAN	15.7	20.2	39.6	30.7	13.3	7.59	5.51	4.78	5.21	6.97	10.9	15.5	14.6	MEAN

LOCATION - LAT 42 58 21 N DRAINAGE AREA, 1 340 km²
LONG 081 12 35 W REGULATED SINCE 1967

THAMES RIVER NEAR EALING - STATION NO. 02GD001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1915	---	---	---	---	1915
1916	---	185 ON JAN 04	1.08 ON NOV 06	607 000	1916
1917	---	135 ON MAR 24	1.08 ON FEB 12	514 000	1917
1918	---	193 ON FEB 26	0.057 ON AUG 05 *	378 000	1918
1919	---	147 ON MAR 17	0.906 ON AUG 11	384 000	1919
1920	---	221 ON MAR 13	1.36 ON AUG 09	317 000	1920
1921	---	180 ON DEC 18	1.90 ON JUL 07	453 000	1921
1922	---	165 ON APR 12	1.64 ON SEP 05	403 000	1922
1923	---	130 ON APR 07	1.05 ON AUG 06	411 000	1923
1924	---	134 ON MAR 25	1.64 ON SEP 01	450 000	1924
1925	---	216 ON MAR 20	1.19 ON SEP 03	344 000	1925
1926	---	261 ON MAR 23	1.13 ON JUL 26	628 000	1926
1927	---	121 ON JUL 24	1.81 ON SEP 26	458 000	1927
1928	---	115 ON MAR 14	2.27 ON SEP 10	458 000	1928
1929	---	206 ON MAR 15	1.50 ON SEP 09	478 000	1929
1930	---	71.9 ON APR 02	1.42 ON JUL 21	464 000	1930
1931	---	108 ON MAR 29	1.61 ON JUN 24	229 000	1931
1932	---	69.4 ON MAY 27	2.24 ON AUG 01	533 000	1932
1933	---	106 ON APR 02	1.56 ON NOV 06	335 000	1933
1934	---	149 ON APR 02	1.42 ON JUL 02	370 000	1934
1935	---	209 ON MAR 06	0.870 ON NOV 04	308 000	1935
1936	---	151 ON MAR 12	0.283 ON JUN 26	283 000	1936
1937	---	629 ON APR 27 *	1.02 ON AUG 01	599 000	1937
1938	447 AT 23:00 EST ON FEB 06	309 ON FEB 07	0.991 ON DEC 28	384 000	1938
1939	---	146 ON APR 19	1.27 ON OCT 07	347 000	1939
1940	---	229 ON APR 09	1.61 ON AUG 12	466 000	1940
1941	---	35.7 ON APR 20	0.821 ON JUL 02	191 000	1941
1942	---	170 ON MAR 09	1.30 ON SEP 06	411 000	1942
1943	---	275 ON MAR 17	1.53 ON OCT 11	599 000	1943
1944	---	73.3 ON APR 13	1.53 ON AUG 16	259 000	1944
1945	---	186 ON MAY 18	1.39 B ON JAN 01	494 000	1945
1946	---	161 ON MAR 08	1.78 ON SEP 30	334 000	1946
1947	---	382 ON APR 06	3.23 ON AUG 12	639 000	1947
1948	277 AT 03:00 EST ON MAR 17	244 ON MAR 20	2.61 ON SEP 05	427 000	1948
1949	---	235 ON FEB 15	2.61 ON JUN 27	447 000	1949
1950	354 AT 02:00 EST ON APR 05	283 ON APR 05	3.03 ON JUN 11	628 000	1950
1951	---	185 ON MAR 31	3.23 ON AUG 19	580 000	1951
1952	176 AT 03:00 EST ON MAR 12	139 ON MAR 12	2.21 ON OCT 27	427 000	1952
1953	193 AT 24:00 EST ON MAR 04	131 ON MAR 05	1.64 ON AUG 30	296 000	1953
1954	447 AT 02:00 EST ON FEB 17	343 ON FEB 17	2.15 ON AUG 29	562 000	1954
1955	---	162 ON MAR 12	1.78 ON OCT 02	386 000	1955
1956	408 AT 18:00 EST ON MAR 07	331 ON MAR 07	2.63 B ON JAN 23	654 000	1956
1957	190 AT 17:00 EST ON DEC 21	161 ON DEC 21	1.53 ON AUG 23	479 000	1957
1958	39.4 AT 15:00 EST ON MAR 24	38.2 ON MAR 24	1.78 ON AUG 19	212 000	1958
1959	120 AT 18:30 EST ON MAR 21	110 ON MAR 21	1.67 ON AUG 16	460 000	1959
1960	276 AT 20:00 EST ON MAR 31	233 ON APR 01	2.07 ON OCT 17	440 000	1960
1961	101 AT 18:00 EST ON FEB 24	94.9 ON FEB 24	1.56 ON JAN 24	303 000	1961
1962	121 AT 13:00 EST ON MAR 13	121 ON MAR 13	1.26 ON JUL 16	301 000	1962
1963	215 AT 08:00 EST ON MAR 26	205 ON MAR 26	1.29 ON OCT 14	253 000	1963
1964	74.8 AT 23:00 EST ON DEC 25	65.7 ON DEC 26	1.55 ON JAN 01	264 000	1964
1965	456 AT 04:00 EST ON FEB 11	362 ON FEB 11	1.55 ON AUG 30	544 000	1965
1966	244 AT 14:00 EST ON DEC 08	231 ON DEC 08	1.77 ON JUL 24	427 000	1966
1967	190 AT 20:00 EST ON APR 03	152 ON APR 03	1.17 ON SEP 20	612 000	1967
1968	671 AT 22:00 EST ON FEB 02 *	481 ON FEB 02	2.58 ON SEP 01	529 000	1968
1969	311 AT 06:51 EST ON JAN 31	266 ON JAN 31	2.49 ON AUG 11	519 000	1969
1970	96.8 AT 06:43 EST ON APR 03	91.7 ON APR 03	2.79 ON SEP 02	331 000	1970
1971	147 AT 08:49 EST ON MAR 16	136 ON MAR 16	1.85 ON AUG 09	344 000	1971
1972	207 AT 00:40 EST ON MAR 23	149 ON MAR 23	3.14 ON AUG 06	496 000	1972
1973	213 AT 16:43 EST ON MAR 12	200 ON MAR 12	2.67 ON SEP 09	543 000	1973
1974	222 AT 05:39 EST ON JAN 28	198 ON JAN 28	3.43 ON AUG 22	526 000	1974
1975	225 AT 04:31 EST ON FEB 25	177 ON FEB 25	3.37 ON JUL 12	518 000	1975
1976	473 AT 04:53 EST ON MAR 06	348 ON MAR 06	4.05 ON SEP 16	654 000	1976
1977	411 AT 17:15 EST ON MAR 13	326 ON MAR 13	3.14 ON JUL 05	629 000	1977
1978	237 AT 06:28 EST ON APR 02	216 ON APR 02	2.73 ON SEP 02	509 000	1978
1979	425 AT 10:03 EST ON MAR 05	355 ON MAR 05	2.97 ON JUL 24	626 000	1979
1980	212 AT 03:06 EST ON MAR 22	162 ON MAR 22	2.74 ON AUG 29	456 000	1980
1981	209 AT 05:25 EST ON FEB 24	193 ON FEB 24	3.18 ON JUL 16	496 000	1981
1982	268 AT 02:11 EST ON APR 01	241 ON APR 01	3.60 ON AUG 22	716 000	1982
1983	108 AT 13:59 EST ON DEC 13	103 ON DEC 13	3.16 ON JUL 28	553 000	1983
1984	445 AT 21:59 EST ON FEB 14	348 ON FEB 14	3.30 ON AUG 26	661 000	1984
1985	413 AT 07:23 EST ON FEB 25	371 ON FEB 25	3.70 B ON JAN 20	828 000	1985
1986	237 AT 03:43 EST ON MAR 20	196 ON MAR 20	3.42 ON SEP 07	602 000	1986
1987	149 AT 08:47 EST ON APR 06	140 ON APR 06	2.97 ON AUG 01	432 000	1987
1988	83.7 AT 06:46 EST ON MAR 10	77.0 ON MAR 10	2.29 ON JUL 09	348 000	1988
1989	---	56.4E ON APR 04	2.53 ON AUG 03	291 000	1989
1990	255 AT 17:13 EST ON DEC 30	219 ON DEC 30	4.37 ON JAN 01	704 000	1990
				461 000	MEAN

B - ICE CONDITIONS
E - ESTIMATED

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

THAMES RIVER NEAR INGERSOLL - STATION NO. 02GD006

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1938	---	---	12.2	4.88	2.37	---	---	---	---	---	---	---	---	1938
1939	---	---	14.0	16.1	2.04	---	---	---	---	---	---	---	---	1939
1940	---	---	---	25.1	5.81	---	---	---	---	---	---	---	---	1940
1941	---	---	---	5.79	1.15	---	---	---	---	---	---	---	---	1941
1942	---	---	---	6.57	---	---	---	---	---	---	---	---	---	1942
1943	---	---	24.5	11.7	---	---	---	---	---	---	---	---	---	1943
1944	---	---	---	11.9	---	---	---	---	---	---	---	---	---	1944
1945	---	---	---	10.4	---	---	---	---	---	9.69	4.15	3.03	---	1945
1946	---	---	19.7	2.38	2.20	1.87	0.994	0.333	0.281	1.07	1.79	3.74	---	1946
1947	5.86	2.41	19.0	29.6	12.5	14.1	2.29	1.12	0.866	0.604	1.04	2.71	7.69	1947
1948	---	---	23.7	8.75	7.94	1.37	3.45	0.831	0.278	0.439	2.03	1.93	---	1948
1949	8.94	20.0	12.1	5.53	1.78	0.739	0.772	0.590	0.658	0.954	0.854	11.6	5.30	1949
1950	20.0	7.38	22.4	17.5	2.70	1.45	2.12	1.67	1.24	1.43	5.69	12.9	8.06	1950
1951	12.3	17.0	22.1	17.2	3.77	2.33	2.57	1.01	0.896	1.38	5.74	4.96	7.54	1951
1952	15.4	9.73	16.2	14.5	3.58	1.52	0.978	0.923	0.795	0.697	1.15	2.53	5.66	1952
1953	4.21	5.07	17.4	5.91	5.85	8.57	1.18	0.726	0.560	0.557	0.796	1.24	4.34	1953
1954	2.25	18.6	21.2	20.3	3.91	2.06	1.35	0.632	0.646	11.9	2.53	5.37	7.48	1954
1955	8.54	5.41	18.8	9.30	---	---	---	---	---	---	---	---	---	1955
1956	1.76	3.37	22.5	14.8	18.6	2.74	4.37	12.5	9.17	3.33	3.16	7.79	8.72	1956
1957	8.25	---	---	---	---	---	---	---	---	---	---	---	---	1957
MEAN	8.75	9.89	19.0	12.5	5.30	3.67	2.01	2.03	1.54	2.91	2.63	5.25	6.85	MEAN

LOCATION - LAT 43 01 07 N LONG 080 55 33 W DRAINAGE AREA, 554 km² NATURAL FLOW

REMARKS - SEASONAL REGULATION

THAMES RIVER NEAR INGERSOLL - STATION NO. 02GD006

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1938	---	---	---	---	1938
1939	---	---	---	---	1939
1940	---	---	---	---	1940
1941	---	---	---	---	1941
1942	---	---	---	---	1942
1943	---	---	---	---	1943
1944	---	---	---	---	1944
1945	---	---	---	---	1945
1946	---	65.7 ON MAR 08	0.113 ON SEP 28 *	---	1946
1947	---	133 ON APR 05	0.340 ON SEP 20	242 000	1947
1948	---	105 ON MAR 20	0.113 ON SEP 19	---	1948
1949	---	95.4 ON FEB 15	0.396 ON AUG 16	167 000	1949
1950	138 ON APR 04 *	110 ON APR 04	0.680 ON AUG 24	254 000	1950
1951	---	77.6 ON MAR 31	0.623 ON SEP 05	238 000	1951
1952	---	68.2 ON MAR 12	0.453 ON SEP 28	179 000	1952
1953	93.7 AT 22:00 EST ON MAR 04	79.9 ON MAR 04	0.283 ON DEC 31	137 000	1953
1954	---	135 ON FEB 16	0.283 ON JAN 08	236 000	1954
1955	---	---	---	---	1955
1956	---	140 ON MAR 07 *	1.02 ON JAN 27	276 000	1956
1957	---	---	---	---	1957
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		216 000	MEAN

THAMES RIVER NEAR TAVISTOCK - STATION NO. 02GD023

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1987	---	---	---	---	---	---	0.081	0.030	0.025	0.075	0.196	0.836	---	1987
1988	0.228	0.267	1.11	0.496	0.171	0.022	0.010	0.007	0.017	0.124	0.586	0.329	0.280	1988
1989	0.583	0.197	0.897	0.650	0.115	0.270	0.058	0.006	0.006	0.015	0.259	0.058	0.260	1989
1990	0.869	0.930	0.883	0.354	0.331	0.019	0.139	0.106	0.084	0.560	0.882	1.38	0.544	1990
MEAN	0.560	0.465	0.963	0.500	0.206	0.104	0.072	0.037	0.033	0.194	0.531	0.651	0.361	MEAN

LOCATION - LAT 43 18 17 N LONG 080 51 00 W DRAINAGE AREA, 34.2 km² NATURAL FLOW

REMARKS - STATION ACTIVATED JUNE 18 1987

THAMES RIVER NEAR TAVISTOCK - STATION NO. 02GD023

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1987	7.85 AT 16:36 EST ON DEC 20	---	0.007 ON AUG 25	---	1987
1988	0.27 AT 19:25 EST ON MAR 25	4.63 ON MAR 09	0.001 ON JUL 14	8 860	1988
1989	0.14 AT 08:14 EST ON JAN 08	4.20B ON JAN 08	0 ON JUL 21 *	8 190	1989
1990	17.5 AT 23:48 EST ON DEC 29 *	10.7 ON DEC 30 *	0.005 ON JUN 14	17 200	1990
	B - ICE CONDITIONS	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		11 400	MEAN

THREE MILE CREEK AT MOUNT HOPE - STATION NO. 02HA016

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1980	---	---	0.161	0.145	0.020	0.008	0	0	0.001	0.001	0.001	0.006	---	1980
1981	0	0.062	0.013	0.025	0.008	0.004	0.012	0.176	0.155	0.062	0.038	0.016	0.047	1981
1982	0.012	0.002	0.416	0.063	0.003	0.125	0	0.002	0.022	0.007	0.085	0.130	0.073	1982
1983	0.018	0.070	0.092	0.102	0.209	0.034	0.001	0.012	0	0.008	0.058	0.159	0.064	1983
1984	0.004	0.195	0.153	0.097	0.039	0.112	0.002	0.001	0.042	0.002	0.036	0.055	0.061	1984
1985	0.016	0.236	0.213	0.058	0.001	0.003	0.003	0.005	0	0.017	0.200	0.057	0.066	1985
1986	0.022	0.016	0.113	0.045	0.036	0.005	0.006	0.008	0.013	0.033	0.046	0.081	0.035	1986
1987	0.034	0.005	0.112	0.175	0.001	---	---	---	---	---	---	---	---	1987
MEAN	0.015	0.084	0.159	0.089	0.040	0.042	0.003	0.029	0.033	0.019	0.066	0.072	0.058	MEAN

LOCATION - LAT 43 09 58 N LONG 079 54 34 W DRAINAGE AREA, 4.38 km² NATURAL FLOW

REMARKS - DISCHARGES TO FOUR SIGNIFICANT FIGURES AVAILABLE FROM REGIONAL OFFICE. STATION DISCONTINUED JUN 16 1987

THREE MILE CREEK AT MOUNT HOPE - STATION NO. 02HA016

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1980	2.65 AT 19:45 EST ON APR 14	1.25 ON MAR 21	0 ON FEB 07 *	---	1980
1981	5.64 AT 18:09 EST ON AUG 13 *	1.33 ON AUG 13	0B ON JAN 01	1 490	1981
1982	2.92 AT 09:56 EST ON DEC 25	1.90 B ON MAR 13	0B ON JAN 10	2 290	1982
1983	2.24 AT 03:17 EST ON FEB 03	0.865 ON FEB 03	0B ON JAN 18	2 010	1983
1984	3.74 AT 04:42 EST ON FEB 14	2.09 ON JUN 18	0 ON JUN 11	1 920	1984
1985	3.88 AT 15:39 EST ON FEB 23	2.89 B ON FEB 24 *	0 ON MAY 04	2 090	1985
1986	1.81 AT 07:00 EST ON MAR 19	0.686 ON MAR 19	0 ON MAY 12	1 120	1986
1987	---	2.04 ON APR 05	0 ON MAY 10	---	1987
				1 820	MEAN

B - ICE CONDITIONS * - EXTREME RECORDED FOR THE PERIOD OF RECORD

TOMIKO RIVER AT OUTLET OF TOMIKO LAKE - STATION NO. 02DC006

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1941	---	---	---	---	---	---	---	---	---	---	---	7.53	---	1941
1942	1.49	0	11.1	24.2	14.4	6.58	2.37	1.41	4.83	4.15	1.60	1.42	6.15	1942
1943	7.68	2.59	10.1	17.8	22.1	11.9	2.92	2.86	6.76	3.37	5.63	5.74	8.48	1943
1944	1.97	1.56	10.3	12.9	8.09	2.88	2.27	6.16	2.70	7.13	4.14	3.85	5.35	1944
1945	2.64	2.09	17.7	7.84	9.67	7.15	3.48	3.25	4.89	9.10	12.1	3.01	6.93	1945
1946	5.14	3.70	25.6	8.39	14.6	3.76	3.75	3.70	4.20	0.465	0.104	5.27	6.61	1946
1947	3.00	2.71	13.9	30.8	31.1	17.9	8.24	6.41	3.45	2.88	3.60	3.90	10.7	1947
1948	3.56	3.03	3.85	34.0	14.7	2.61	10.4	2.22	5.17	1.18	8.55	6.99	8.00	1948
1949	5.86	5.91	15.7	29.3	13.2	5.92	3.55	9.79	2.03	0.907	0.870	1.02	7.83	1949
1950	6.26	4.21	10.9	19.6	16.9	6.37	5.50	3.84	7.05	4.79	2.91	2.46	7.58	1950
1951	2.45	5.34	13.6	44.9	12.1	2.75	8.45	1.06	5.77	25.5	15.2	12.9	12.5	1951
1952	2.12	7.37	11.8	22.3	10.1	7.90	3.10	15.7	8.90	9.50	4.58	11.5	9.74	1952
1953	8.81	6.42	24.8	20.0	7.45	4.68	4.19	6.95	2.69	0.061	0.057	0.057	7.19	1953
1954	0.998	0.969	15.2	22.3	11.2	19.9	3.74	3.36	4.98	17.8	13.5	6.26	10.0	1954
1955	4.61	4.81	9.06	18.4	2.03	4.28	2.69	2.75	5.71	6.98	15.8	7.48	7.02	1955
1956	2.46	3.49	8.54	9.63	18.2	6.56	3.55	5.04	9.57	8.96	10.7	5.14	7.66	1956
1957	4.02	4.07	8.37	24.7	4.06	9.48	20.1	5.63	7.04	8.10	19.9	17.4	11.1	1957
1958	5.11	7.40	10.7	2.35	5.54	2.82	6.22	2.50	0.225	1.74	2.43	1.42	4.03	1958
1959	2.78	4.90	4.65	23.3	15.7	5.99	2.59	1.12	10.3	9.50	15.4	8.28	8.69	1959
1960	3.49	8.53	9.74	24.8	22.5	9.90	18.2	6.02	2.88	---	---	---	---	1960
MEAN	3.92	4.15	12.5	20.9	13.4	7.44	6.07	4.72	5.22	6.78	7.62	5.88	8.09	MEAN

LOCATION - LAT 46 30 05 N LONG 079 53 36 W DRAINAGE AREA, 570 km² REGULATED

TOMIKO RIVER AT OUTLET OF TOMIKO LAKE - STATION NO. 02DC006

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1941	---	---	---	---	1941
1942	---	46.4 ON MAR 20	0 E ON JAN 21 *	194 000	1942
1943	---	53.2 ON MAY 01	0.651E ON FEB 25	268 000	1943
1944	---	37.9E ON APR 27	0.991E ON SEP 22	169 000	1944
1945	---	46.7 ON MAR 31	0.311E ON APR 17	219 000	1945
1946	---	51.8E ON MAR 20	0.085E ON NOV 15	209 000	1946
1947	---	54.4E ON APR 27	0.453E ON NOV 21	337 000	1947
1948	---	48.1E ON APR 10	0.057E ON AUG 07	253 000	1948
1949	---	49.0 ON APR 16	0.765 ON NOV 05	247 000	1949
1950	---	39.1 ON APR 20	0.963E ON NOV 01	239 000	1950
1951	---	69.7 ON APR 15	0.255E ON SEP 02	394 000	1951
1952	---	70.8 ON AUG 15	0.850E ON JUN 27	308 000	1952
1953	---	59.5E ON MAR 30	0.057 ON JUL 31	227 000	1953
1954	---	56.6E ON JUN 08	0.057E ON JAN 01	316 000	1954
1955	---	37.4E ON NOV 03	0.198E ON MAY 07	221 000	1955
1956	---	38.5E ON SEP 22	0.311E ON AUG 26	242 000	1956
1957	---	68.2E ON JUL 02	0.311E ON MAY 07	350 000	1957
1958	---	16.6E ON AUG 05	0.057E ON AUG 22	127 000	1958
1959	---	40.2E ON SEP 10	0.198E ON AUG 08	274 000	1959
1960	---	72.5E ON JUL 29 *	---	---	1960
	E - ESTIMATED	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		255 000	MEAN

TRENT CANAL LOCK 42 NEAR WASHAGO - STATION NO. 02EC016

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1963	0	0	0	0	0	0	0	0	0	0	0	0	0	1963
1964	0	0	0	0	0	0	0	0	0	0	0	0	0	1964
1965	0	0	0	0	0	0	0	0	0	0	0	0	0	1965
1966	0	0	0	0	0	0	0	0	0	0	0	0	0	1966
1967	0	0	0	0	0	0	2.69	0	0	0	0	0	0.229	1967
1968	13.5	22.6	6.22	0	0	0	0	0	0	0	0	0	3.46	1968
1969	0	0	0	0	0	0	0	0	0	0	0	0	0	1969
1970	0	0	0	0	0	0	0	0	0	0	0	0	0	1970
1971	0	0	0	0	0	0	0	0	0	0	0	0	0	1971
1972	0	0	0	0	4.33	0	0	0	0	0	0	0	0.367	1972
1973	12.1	0.757	0	14.4	0	0	0	0	0	0	0	0	2.27	1973
1974	0	0	9.55	5.66	0	0	0	0	0	0	0	0	1.28	1974
1975	0	0	0	0	4.64	0	0	0	0	0	0	0	0.394	1975
1976	0	0	5.89	5.66	0	0	0	0	0	0	0	0	0.962	1976
1977	0	0	0	0	0	0	0	0	0	0	0	0	0	1977
1978	0	13.1	0	0	0	0	0	0	0	0	0	0	1.00	1978
1979	0	0	11.7	0	3.16	0	0	0	0	0	0	0	1.26	1979
1980	0	0	0	9.18	2.96	0	0	0	0	0	0	0	1.00	1980
1981	0	0.106	4.56	8.50	2.96	0	0	0	0	0	0	0	1.35	1981
1982	0	0	0.332	7.72	0	0	0	0	0	0	0	1.04	0.751	1982
1983	21.5	12.7	0	0	18.9	0	0	0	0	0	0	0	4.40	1983
1984	0	10.5	20.2	0.692	0	0	0	0	0	0	0	0	2.60	1984
1985	0	7.80	21.2	12.9	0	0	0	0	0	0	0	0	3.46	1985
1986	0	0	0	0	0	0	0	0	0	19.5	9.40	0	2.43	1986
1987	0	0	0	0	0	0	0	0	0	0	0	0	0	1987
1988	0	0	0	0	0	0	0	0	0	0	0	0	0	1988
1989	0	0	0	0	0	0	0	0	0	0	0	0	0	1989
1990	0	0	0	0	0	0	0	0	0	0	0	0	0	1990
MEAN	1.6	2.41	2.84	2.31	1.32	0	0.09	0	0	0.6	0.33	0.03	0.972	MEAN

LOCATION - LAT 44 46 11 N
LONG 079 21 01 W REGULATED

REMARKS - STATION CREATED IN 1983 FOLLOWING REVIEW OF FLOWS AND STATIONS IN WASHAGO AREA

TRENT CANAL LOCK 42 NEAR WASHAGO - STATION NO. 02EC016

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1963	---				
1964	---	0 ON JAN 01	0 ON JAN 01 *	0	1963
		0 ON JAN 01	0 ON JAN 01	0	1964
1965	---				
1966	---	0 ON JAN 01	0 ON JAN 01	0	1965
1967	---	0 ON JAN 01	0 ON JAN 01	0	1966
1968	---	17.0 ON JUL 03	0 ON JAN 01	7 210	1967
1969	---	23.2 ON JAN 16 *	0 ON JAN 01	109 000	1968
		0 ON JAN 01	0 ON JAN 01	0	1969
1970	---				
1971	---	0 ON JAN 01	0 ON JAN 01	0	1970
1972	---	0 ON JAN 01	0 ON JAN 01	0	1971
1973	---	22.7 ON MAY 20	0 ON JAN 01	11 600	1972
1974	---	22.7 ON APR 04	0 ON JAN 01	71 600	1973
		22.7 ON MAR 16	0 ON JAN 01	40 200	1974
1975	---	22.7 ON MAY 06	0 ON JAN 01	12 400	1975
1976	---	22.7 ON MAR 20	0 ON JAN 01	30 400	1976
1977	---	0 ON JAN 01	0 ON JAN 01	0	1977
1978	---	22.5 ON FEB 25	0 ON JAN 01	31 700	1978
1979	---	22.7 ON MAR 09	0 ON JAN 01	39 700	1979
1980	---	20.4 ON APR 18	0 ON JAN 01	31 700	1980
1981	---	20.4 ON MAR 05	0 ON JAN 01	42 400	1981
1982	---	21.5 ON DEC 31	0 ON JAN 01	23 700	1982
1983	---	21.5 ON JAN 01	0 ON FEB 18	139 000	1983
1984	---	22.7 ON FEB 22	0 ON JAN 01	82 200	1984
1985	---	22.6 ON APR 10	0 ON JAN 01	109 000	1985
1986	---	22.7 ON OCT 04	0 ON JAN 01	76 500	1986
1987	---	0 ON JAN 01	0 ON JAN 01	0	1987
1988	---	0 ON JAN 01	0 ON JAN 01	0	1988
1989	---	0 ON JAN 01	0 ON JAN 01	0	1989
1990	---	0 ON JAN 01	0 ON JAN 01	0	1990
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		30 700	MEAN

TRENT RIVER AT GLEN ROSS - STATION NO. 02HK004

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1963	---	---	---	---	---	---	---	---	---	---	---	---	---	
1964	73.7	75.0	73.4	184	132	66.4	43.8	28.5	41.8	55.8 29.1	35.4 20.8	74.3 47.7	--- 67.9	1963 1964
1965	88.8	127	143	342	200	48.3	44.1	32.3	43.5	98.1	152	250	131	1965
1966	285	152	255	135	120	119	35.5	31.8	33.1	36.3	82.2	326	135	1966
1967	172	191	128	270	156	200	259	86.6	63.9	223	376	226	196	1967
1968	212	201	220	212	81.4	61.8	33.9	33.9	42.8	44.8	58.0	157	113	1968
1969	108	158	147	351	345	92.0	74.2	79.4	46.8	25.5	47.1	90.6	97.9 132	1969
1970	88.2	101	117	253	154	61.3	84.5	44.9	47.7	70.0	93.6	140	105	1970
1971	114	112	120	403	226	48.6	48.4	30.3	40.9	56.0	45.9	114	114	1971
1972	134	130	106	351	342	144	137	91.1	53.9	103	230	216	170	1972
1973	244	214	389	413	185	82.7	43.9	40.5	28.8	71.7	109	161	165	1973
1974	172	174	185	409	358	103	58.1	41.4	48.6	96.9	165	217	169	1974
1975	194	146	273	348	223	51.0	21.2	19.8	47.9	27.4	48.7	105	125	1975
1976	135	157	305	505	194	62.1	74.4	37.0	66.0	61.2	89.8	107	149	1976
1977	125	98.3	215	173	43.1	17.6	17.3	23.8	36.8	115	154	255	106	1977
1978	235	177	124	448	280	44.8	16.5	21.6	52.0	93.1	144	130	147	1978
1979	151	153	350	421	192	96.2	31.0	42.2	43.3	120	187	243	169	1979
1980	216	71.9	218	476	145	87.7	91.3	87.7	67.2	102	171	177	159	1980
1981	123	266	290	226	160	107	46.4	50.4	140	151	193	136	156	1981
1982	123	109	173	452	167	176	55.0	36.2	61.1	104	205	350	168	1982
1983	301	175	141	295	388	92.4	24.2	31.0	32.1	51.9	97.6	128	146	1983
1984	111	223	292	441	205	60.7	37.3	44.5	70.8	46.6	114	142	148	1984
1985	222	208	413	426	173	72.0	36.5	28.5	171	136	284	206	198	1985
1986	155	134	233	268	137	168	50.0	76.3	166	303	155	187	169	1986
1987	166	95.9	179	378	66.3	54.4	31.6	16.3	34.9	45.3	86.0	166	110	1987
1988	121	131	136	283	144	34.1	21.9	18.0	27.3	55.4	139	79.4	98.8	1988
1989	98.7	79.8	108	250	220	144	31.2	27.7	36.3	69.1	179	136	115	1989
1990	148	194	269	308	250	68.8	47.6	26.7	23.0	92.5	109	239	148	1990
MEAN	160	150	208	334	196	87.6	55.6	40.6	57.2	89.5	136	172	141	MEAN

LOCATION - LAT 44 15 50 N LONG 077 36 10 W DRAINAGE AREA, 12 000 km^2 REGULATED

TRENT RIVER AT GLEN ROSS - STATION NO. 02HK004

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1963	---	---	---	---	1963
1964	---	311 ON APR 22	10.6 E ON AUG 04	2 150 000	1964
1965	456 AT 15:30 EST ON APR 29	450 ON APR 20	14.0 ON JUN 16	4 120 000	1965
1966	453 AT 07:00 EST ON JAN 14	439 ON DEC 15	13.8 ON JUL 26	4 250 000	1966
1967	430 AT 14:00 EST ON NOV 17	425 ON NOV 18	26.8 ON SEP 16	6 170 000	1967
1968	442 AT 11:00 EST ON MAR 20	419 ON MAR 21	11.6 ON AUG 04	3 570 000	1968
1969	530 AT 09:25 EST ON MAY 22	510 ON MAY 23	18.4 ON SEP 17	4 170 000	1969
1970	391 AT 09:13 EST ON APR 24	385 ON APR 25	20.5 ON AUG 10	3 300 000	1970
1971	518 AT 23:42 EST ON APR 29	518 ON APR 28	21.2 ON AUG 16	3 580 000	1971
1972	515 AT 03:00 EST ON APR 16	513 ON APR 16	41.1 E ON SEP 15	5 370 000	1972
1973	564 AT 18:41 EST ON APR 11	564 ON APR 12	16.1 ON JUL 16	5 200 000	1973
1974	493 AT 10:59 EST ON APR 24	481 ON APR 25	18.3 ON AUG 25	5 320 000	1974
1975	---	476A ON APR 30	12.1 ON AUG 12	3 950 000	1975
1976	705 AT 18:32 EST ON APR 07 *	702 ON APR 07 *	18.6 ON JUN 22	4 710 000	1976
1977	362 AT 10:21 EST ON MAR 15	351 ON MAR 15	11.8 ON JUL 28	3 360 000	1977
1978	518 AT 18:01 EST ON APR 07	515 ON APR 24	12.7 ON JUL 13	4 630 000	1978
1979	647 AT 16:24 EST ON APR 07	634 ON APR 07	18.6 ON JUL 25	5 330 000	1979
1980	670 AT 14:00 EST ON MAR 24	595 ON MAR 25	19.5 ON JUL 12	5 040 000	1980
1981	---	661 ON FEB 27	21.4 ON JUL 17	4 930 000	1981
1982	536 AT 09:20 EST ON APR 26	534 ON APR 26	20.5 ON SEP 09	5 280 000	1982
1983	439 AT 15:53 EST ON MAY 20	437 ON MAY 20	14.6 ON JUL 20	4 610 000	1983
1984	613 AT 21:19 EST ON APR 06	580 ON APR 07	14.7 ON AUG 05	4 690 000	1984
1985	495 AT 18:26 EST ON MAR 13	487 ON MAR 13	21.0 A ON JUL 31	6 230 000	1985
1986	427 AT 12:47 EST ON APR 02	422 ON APR 08	24.8 ON JUL 28	5 340 000	1986
1987	655 AT 05:56 EST ON APR 10	633 ON APR 09	4.80E ON AUG 02 *	3 460 000	1987
1988	416 AT 07:46 EST ON APR 16	415 ON APR 16	11.1 ON JUL 09	3 120 000	1988
1989	394 AT 12:08 EST ON MAY 17	393 ON MAY 17	13.3 ON OCT 01	3 620 000	1989
1990	454 AT 13:50 EST ON MAR 14	432 ON MAR 16	14.0 ON SEP 11	4 660 000	1990
MEAN				4 450 000	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX) E - ESTIMATED * - EXTREME RECORDED FOR THE PERIOD OF RECORD

TRENT RIVER AT HEALEY FALLS - STATION NO. 02HK002

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1949	---	---	---	---	---	---	---	---	---	45.3	58.6	97.8	---	1949
1950	262	157	127	241	103	35.8	25.0	23.4	31.9	38.6	45.9	120	100	1950
1951	132	124	137	378	243	43.0	36.3	25.2	45.1	49.4	93.3	120	120	1951
1952	128	142	136	295	123	62.9	30.0	25.2	38.9	27.2	39.6	102	95.3	1952
1953	92.5	78.5	126	170	145	61.2	31.3	34.2	34.2	31.0	30.9	59.1	74.5	1953
1954	87.9	114	175	226	116	52.5	25.0	30.8	56.2	176	126	98.1	107	1954
1955	105	82.2	156	235	67.0	26.5	23.4	44.6	23.8	87.6	143	85.5	89.9	1955
1956	79.3	62.5	81.0	196	218	101	43.4	41.7	69.6	56.3	55.0	68.5	89.3	1956
1957	99.3	108	94.6	119	72.9	42.6	130	27.8	55.8	44.0	84.8	136	84.5	1957
1958	138	96.7	82.6	75.2	32.7	17.8	16.8	15.8	43.5	35.0	34.9	52.6	53.2	1958
1959	94.9	102	73.8	219	157	57.1	43.1	22.2	27.7	62.1	73.6	119	87.4	1959
1960	109	110	91.1	365	381	107	40.9	39.0	32.5	27.8	35.7	43.8	115	1960
1961	38.7	31.4	54.2	101	91.5	73.4	42.3	31.0	51.8	29.3	28.8	52.3	52.2	1961
1962	71.6	62.3	87.9	80.5	41.1	28.6	20.9	20.3	21.8	53.5	91.7	67.4	53.9	1962
1963	72.2	70.8	77.5	116	121	34.3	16.0	36.7	44.0	45.4	28.3	58.4	60.0	1963
1964	65.1	64.6	41.4	118	92.6	42.8	28.1	21.3	25.9	26.9	30.9	38.4	49.6	1964
1965	82.8	117	117	206	127	28.3	29.8	25.8	36.3	86.5	144	192	99.2	1965
1966	151	103	158	61.1	85.5	82.1	23.0	21.5	24.8	28.6	61.0	223	85.5	1966
1967	114	111	73.8	159	101	132	177	56.6	47.9	169	241	151	128	1967
1968	164	166	159	120	47.3	38.1	23.0	25.5	31.0	41.5	47.6	134	82.8	1968
1969	75.3	106	79.4	208	216	75.7	56.1	32.1	19.4	42.1	72.0	79.2	88.2	1969
1970	62.2	68.1	79.6	178	80.4	34.0	54.0	33.2	39.7	63.2	72.6	105	72.4	1970
1971	93.0	90.0	101	229	114	33.2	35.0	24.1	31.2	39.4	36.8	78.9	75.3	1971
1972	111	101	78.7	244	217	105	90.5	62.0	38.0	75.4	174	156	121	1972
1973	181	165	268	309	132	50.1	30.0	31.7	22.1	52.5	83.4	125	120	1973
1974	130	134	115	294	263	63.5	37.2	32.6	35.3	88.7	120	140	121	1974
1975	126	95.7	194	224	125	37.4	18.5	15.9	36.4	26.3	41.4	63.4	83.6	1975
1976	105	119	225	338	140	40.6	50.2	33.1	52.2	47.6	63.0	67.7	107	1976
1977	74.3	66.8	148	129	27.5	16.4	16.5	24.9	33.1	71.4	110	175	74.5	1977
1978	153	110	82.5	280	192	27.1	15.6	23.4	46.4	58.3	93.0	97.9	98.0	1978
1979	111	102	241	281	132	50.8	26.5	36.3	37.6	70.6	105	173	114	1979
1980	165	54.1	139	340	76.0	53.8	61.6	64.8	53.1	71.7	124	130	111	1980
1981	93.3	184	184	146	97.0	63.1	28.8	35.7	81.0	97.4	125	81.2	101	1981
1982	95.4	86.0	106	291	91.6	114	34.8	35.9	55.1	74.6	170	269	118	1982
1983	203	112	72.1	172	272	64.3	17.1	24.2	23.8	40.3	74.0	87.0	96.8	1983
1984	85.5	168	201	255	114	40.3	30.9	39.9	70.7	39.7	86.3	103	102	1984
1985	165	156	293	286	106	48.7	28.0	25.4	137	108	207	150	142	1985
1986	118	107	154	166	86.0	97.5	37.7	50.8	127	204	85.4	99.2	111	1986
1987	114	87.5	112	208	28.8	31.3	22.3	18.4	26.2	30.5	61.8	125	71.9	1987
1988	115	111	95.6	172	103	24.2	19.8	16.3	25.8	41.9	93.4	66.4	73.4	1988
1989	90.9	57.0	69.7	166	162	103	14.4	21.6	32.5	59.7	131	98.2	83.8	1989
1990	114	145	220	236	177	43.6	35.6	22.9	22.8	95.2	86.2	170	114	1990
MEAN	114	106	129	211	130	55.7	38.7	31.1	43.6	63.3	88.3	111	93.3	MEAN

LOCATION - LAT 44 22 14 N LONG 077 46 42 W DRAINAGE AREA, 9 090 km² REGULATED

REMARKS - DAILY DISCHARGES ARE A TOTAL OF ONT. HYDRO RECORDS AT HEALEY FALLS PLUS RECORDED SPILLWAY RECORDS

TRENT RIVER AT HEALEY FALLS - STATION NO. 02HK002

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1949	---	---	---	---	1949
1950	---	320 ON APR 06	9.37 ON JUL 30	3 170 000	1950
1951	---	566 ON MAY 04 *	10.1 ON AUG 26	3 790 000	1951
1952	---	343 ON APR 23	10.1 ON AUG 24	3 010 000	1952
1953	---	309 ON APR 05	8.41 ON AUG 23	2 350 000	1953
1954	---	365 ON APR 20	9.00 ON JUL 11	3 370 000	1954
1955	---	272 ON APR 22	14.4 ON MAY 21	2 830 000	1955
1956	---	300 ON MAY 11	15.3 ON SEP 23	2 820 000	1956
1957	---	297 ON JUL 06	14.1 ON JUL 28	2 660 000	1957
1958	---	227 ON JAN 04	10.2 ON JUL 01	1 680 000	1958
1959	---	289 ON APR 22	10.9 ON AUG 09	2 760 000	1959
1960	---	493 ON APR 27	22.1 ON AUG 07	3 640 000	1960
1961	---	203 ON APR 27	13.4 ON JUL 09	1 650 000	1961
1962	---	180 ON MAR 31	10.2 ON AUG 25	1 700 000	1962
1963	---	189 ON MAY 13	9.63 ON JUL 01	1 890 000	1963
1964	---	208 ON APR 18	3.68 ON AUG 02	1 570 000	1964
1965	---	276 ON APR 29	8.21 ON JUN 16	3 130 000	1965
1966	---	320 ON DEC 17	7.65 ON JUL 24	2 700 000	1966
1967	---	306 ON JUL 04	13.3 ON SEP 17	4 030 000	1967
1968	---	258 ON APR 02	3.11 ON AUG 02 *	2 620 000	1968
1969	---	343 ON MAY 22	11.6 ON SEP 14	2 780 000	1969
1970	---	253 ON APR 22	7.65 ON AUG 09	2 280 000	1970
1971	---	300 ON APR 14	11.3 ON JUN 20	2 370 000	1971
1972	---	354 ON APR 15	27.4 ON SEP 24	3 820 000	1972
1973	---	442 ON APR 12	8.44 ON JUL 15	3 800 000	1973
1974	---	345 ON APR 23	13.8 ON AUG 24	3 810 000	1974
1975	---	323 ON MAR 23	5.21 ON AUG 09	2 640 000	1975
1976	---	442 ON APR 10	14.8 ON JUN 17	3 370 000	1976
1977	---	292 ON MAR 16	8.58 ON JUL 27	2 350 000	1977
1978	---	343 ON APR 28	9.54 ON JUL 14	3 090 000	1978
1979	---	408 ON APR 06	14.5 ON JUL 20	3 600 000	1979
1980	---	369 ON APR 18	12.0 ON JUL 13	3 510 000	1980
1981	---	391 ON FEB 28	16.8 ON JUL 15	3 180 000	1981
1982	---	344 ON APR 25	19.9 ON JUL 10	3 730 000	1982
1983	---	330 ON MAY 20	6.85 ON JUN 24	3 050 000	1983
1984	---	310 ON APR 07	16.2 ON AUG 03	3 230 000	1984
1985	---	358 ON MAR 15	18.0 ON AUG 04	4 480 000	1985
1986	---	307 ON APR 01	21.4 ON JUL 27	3 500 000	1986
1987	---	380 ON APR 08	11.2 ON MAY 21	2 270 000	1987
1988	---	282 ON APR 16	10.7 ON AUG 22	2 320 000	1988
1989	---	290 ON MAY 17	8.26 ON JUL 09	2 640 000	1989
1990	---	362 ON MAR 17	14.1 ON SEP 09	3 590 000	1990
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		2 950 000	MEAN

TRIBUTARY TO NORBERG CREEK AT TURKEY LAKE - STATION NO. 02BF013

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1989	0.005	0.005	0.006	0.036	0.036	0.011	0.003	0.001	0.002	0.002	0.016	0.006	0.011	1989
1990	0.004	0.003	0.023	0.039	0.023	0.009	0.004	0.001	0.001	0.017	0.023	0.014	0.013	1990
MEAN	0.005	0.004	0.015	0.038	0.030	0.010	0.004	0.001	0.002	0.010	0.020	0.010	0.012	MEAN

LOCATION - LAT 47 02 30 N LONG 084 25 05 W DRAINAGE AREA, 0.07 km^2 NATURAL FLOW

TRIBUTARY TO NORBERG CREEK AT TURKEY LAKE - STATION NO. 02BF013

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1989	0.258 AT 20:29 EST ON APR 26 *	0.144 ON APR 27	0.001 ON JUL 09	335	1989
1990	---	0.238B ON MAR 16 *	0 ON AUG 20 *	424	1990
	B - ICE CONDITIONS	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		380	MEAN

TRIBUTARY TO PERCH LAKE INLET NO. 2 NEAR CHALK RIVER - STATION NO. 02KA009

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1982	---	---	---	---	---	---	0.002	0.001	0.006	0.007	0.012	0.019	---	1982
1983	0.007	0.003	0.019	0.051	0.068	0.014	0.002	0.002	0.004	0.008	0.015	0.008	0.017	1983
1984	0.004	0.006	0.006	0.059	0.025	0.008	0.009	0.002	0.002	0.004	0.012	0.009	0.012	1984
1985	---	---	---	---	---	---	---	---	---	---	---	---	---	1985
1986	0.003	0.001	0.008	0.054	0.034	0.021	0.005	0.005	0.005	0.008	0.005	0.006	0.013	1986
1987	0.005	0.004	0.015	0.051	0.018	0.011	0.005	0.002	0.002	0.011	0.010	0.012	0.012	1987
1988	0.005	0.003	0.004	---	---	---	---	---	---	---	---	---	---	1988
MEAN	0.005	0.003	0.010	0.054	0.036	0.014	0.005	0.002	0.004	0.008	0.011	0.011	0.014	MEAN

LOCATION - LAT 46 02 32 N LONG 077 22 56 W DRAINAGE AREA, 2.88 km^2

REMARKS - DISCHARGES TO FOUR SIGNIFICANT FIGURES AVAIL. FROM REGIONAL OFFICE. STATION DISCONTINUED APR 12 1988

TRIBUTARY TO PERCH LAKE INLET NO. 2 NEAR CHALK RIVER - STATION NO. 02KA009

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1982	---	---	0 ON JUL 23 *	---	1982
1983	0.229 AT 09:47 EST ON MAY 08 *	0.218 ON MAY 08 *	0 ON SEP 08	524	1983
1984	0.195 AT 08:15 EST ON APR 08	0.122 ON APR 07	0 ON AUG 24	384	1984
1985	0.190 AT 12:34 EST ON APR 23	---	---	---	1985
1986	0.116 AT 10:40 EST ON APR 02	0.105 ON APR 02	0 ON AUG 31	403	1986
1987	0.130 AT 23:14 EST ON APR 06	0.118 ON APR 06	0 ON JUL 12	381	1987
1988	---	---	---	---	1988
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		423	MEAN

TRIBUTARY TO WYE RIVER BELOW ELMVALE - STATION NO. 02ED016

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1988	---	---	---	---	---	---	0	0	0.001	0.015	0.108	0.045	---	1988
1989	0.174	0.062	0.578	0.193	0.189	0.147	0.002	0	0	0.013	0.170	0.046	0.132	1989
1990	0.300	0.186	0.634	0.232	0.098	0.003	0.001	0	0	0.112	0.281	0.199	0.171	1990
MEAN	0.237	0.124	0.606	0.213	0.144	0.075	0.001	0	0	0.047	0.186	0.097	0.152	MEAN

LOCATION - LAT 44 35 33 N DRAINAGE AREA, 15.3 km^2
LONG 079 52 15 W NATURAL FLOW

REMARKS - STATION ACTIVATED JUNE, 1988

TRIBUTARY TO WYE RIVER BELOW ELMVALE - STATION NO. 02ED016

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1988	---	---	---	---	1988
1989	---	4.60B ON MAR 28	0E ON JUL 09 *	4 150	1989
1990	---	5.81B ON MAR 12 *	0 ON JUL 12	5 380	1990
				4 770	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

TROUT CREEK NEAR FAIRVIEW - STATION NO. 02GD019

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1966	---	---	---	---	---	---	0.032	0.049	0.045	0.062	0.668	1.40	---	1966
1967	0.936	0.311	1.39	1.25	0.196	1.12	0.180	0.136	0.040	0.621	0.982	1.27	0.704	1967
1968	0.350	1.54	1.53	0.315	0.170	0.094	0.044	0.031	0.183	0.342	0.770	0.526	0.487	1968
1969	0.679	1.04	2.13	1.51	0.437	0.102	0.057	0.056	0.070	0.070	0.166	0.088	0.530	1969
1970	0.085	0.241	0.843	2.10	0.341	0.055	0.043	0.005	0.040	0.225	0.776	0.730	0.456	1970
1971	0.197	0.508	1.08	2.30	0.124	0.057	0.027	0.007	0.005	0.022	0.065	0.314	0.389	1971
1972	0.274	0.083	1.30	2.48	0.192	0.087	0.064	0.039	0.043	0.254	0.438	0.830	0.506	1972
1973	1.30	0.268	2.61	0.594	0.457	0.076	0.062	0.065	0.029	0.058	0.826	0.474	0.573	1973
1974	1.15	0.519	1.55	1.13	1.22	0.096	0.057	0.043	0.032	0.033	0.122	0.040	0.502	1974
1975	0.821	0.604	1.53	1.96	0.175	0.139	0.070	0.066	0.110	0.080	0.121	0.775	0.537	1975
1976	0.274	2.14	2.15	0.928	0.499	0.073	0.080	0.177	0.103	0.117	0.231	0.146	0.571	1976
1977	0.092	0.061	2.94	0.792	0.082	0.087	0.039	0.038	0.619	0.750	0.564	1.03	0.596	1977
1978	0.263	0.128	0.675	3.80	0.311	0.105	0.064	0.039	0.183	0.143	0.181	0.349	0.517	1978
1979	0.613	0.244	2.83	1.72	0.275	0.089	0.046	0.034	0.032	0.066	0.755	1.21	0.663	1979
1980	0.360	0.098	1.63	1.02	0.377	0.221	0.063	0.048	0.052	0.119	0.076	0.427	0.375	1980
1981	0.042	2.14	0.493	0.495	0.222	0.090	0.049	0.044	0.430	0.809	0.275	0.210	0.429	1981
1982	0.234	0.060	2.56	2.06	0.221	0.241	0.085	0.125	1.20	0.245	1.48	1.83	0.864	1982
1983	0.398	0.680	0.525	0.834	0.983	0.478	0.894	0.537	0.253	0.311	0.721	0.933	0.629	1983
1984	0.155	2.97	1.46	0.662	0.390	0.354	0.122	0.095	0.428	0.085	0.508	1.10	0.684	1984
1985	0.349	2.51	3.58	1.53	0.121	0.271	0.258	0.091	0.122	0.331	1.37	0.532	0.910	1985
1986	0.740	0.235	2.50	0.587	0.320	0.163	0.034	0.019	0.868	0.913	0.318	0.498	0.605	1986
1987	0.285	0.064	1.89	0.824	0.147	0.093	0.096	0.038	0.035	0.094	0.446	0.997	0.421	1987
1988	0.344	0.410	1.60	0.759	0.222	0.050	0.032	0.023	0.025	0.327	0.978	0.471	0.437	1988
1989	0.621	0.230	1.41	0.803	0.101	0.414	0.040	0.041	0.026	0.030	0.494	0.063	0.356	1989
1990	1.41	1.20	1.20	0.445	0.526	0.097	0.434	0.203	0.176	1.11	1.11	1.43	0.778	1990
MEAN	0.499	0.762	1.73	1.29	0.338	0.194	0.119	0.082	0.207	0.289	0.578	0.707	0.563	MEAN

LOCATION - LAT 43 17 43 N DRAINAGE AREA, 36 km^2
LONG 080 58 24 W NATURAL FLOW

TROUT CREEK NEAR FAIRVIEW - STATION NO. 02GD019

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1966	---	---	---	---	1966
1967	21.1 AT 00:30 EST ON APR 03	9.54 ON JAN 25	0 ON SEP 06 *	22 200	1967
1968	22.3 B AT 14:00 EST ON FEB 02	17.2 B ON FEB 02	0 ON AUG 30	15 400	1968
1969	17.4 AT 23:30 EST ON MAR 20	11.6 ON MAR 21	0 ON AUG 31	16 700	1969
1970	18.6 AT 19:39 EST ON APR 08	11.0 ON APR 08	0 ON JUN 28	14 400	1970
1971	16.3 AT 04:54 EST ON APR 02	13.1 ON APR 02	0 ON AUG 01	12 300	1971
1972	16.5 AT 10:10 EST ON APR 13	12.0 ON APR 13	0.031 ON AUG 21	16 000	1972
1973	18.9 AT 15:35 EST ON MAR 11	8.98 ON MAR 11	0.022 ON SEP 04	10 100	1973
1974	19.8 AT 02:12 EST ON MAR 05	12.0 ON MAY 17	0.024 ON SEP 27	15 800	1974
1975	24.8 AT 04:21 EST ON APR 19	15.0 ON APR 19	0.009 ON JAN 03	16 900	1975
1976	19.9 AT 16:50 EST ON MAR 05	9.80 ON MAR 05	0.034 ON AUG 12	10 100	1976
1977	22.7 AT 03:07 EST ON MAR 13	18.3 ON MAR 13	0.005 ON AUG 28	18 800	1977
1978	17.4 AT 19:41 EST ON APR 07	14.9 ON APR 11	0.025 ON SEP 07	16 300	1978
1979	22.0 AT 00:13 EST ON APR 14	17.0 ON APR 14	0.020 ON SEP 27	20 900	1979
1980	21.1 AT 12:32 EST ON MAR 21	14.1 ON MAR 21	0.028 ON AUG 27	11 900	1980
1981	15.9 AT 16:02 EST ON FEB 23	11.4 ON FEB 23	0.025 ON AUG 24	13 500	1981
1982	44.3 AT 02:29 EST ON MAR 31 *	29.8 ON MAR 31 *	0.038 ON AUG 18	27 300	1982
1983	39.4 AT 07:04 EST ON JUL 29	14.2 ON JUL 29	0.085 ON JUL 15	19 800	1983
1984	16.2 AT 19:06 EST ON FEB 14	14.1 ON FEB 14	0.037 ON AUG 04	21 600	1984
1985	29.4 AT 19:42 EST ON FEB 24	21.0 ON FEB 24	0.034 ON AUG 22	28 700	1985
1986	21.4 AT 14:28 EST ON MAR 19	13.0 ON MAR 19	0 ON AUG 01	19 100	1986
1987	8.79 AT 21:19 EST ON DEC 20	6.35 ON MAR 09	0.028 ON SEP 10	13 300	1987
1988	12.9 AT 15:27 EST ON APR 03	6.19 ON APR 03	0.013 ON AUG 28	13 800	1988
1989	10.7 AT 02:58 EST ON MAR 29	6.88 ON MAR 29	0.016 ON JUL 15	11 200	1989
1990	19.4 AT 21:03 EST ON DEC 29	10.9 ON DEC 30	0.042 ON JUL 05	24 500	1990
	B - ICE CONDITIONS	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		17 800	MEAN

TROUT CREEK NEAR ST. MARYS - STATION NO. 02GD009

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1945	---	---	---	---	---	---	---	---	---	---	---	---	---	1945
1946	---	---	5.13	0.802	0.803	0.546	0.386	0.275	0.262	3.44	1.52	---	---	1946
1947	---	---	---	19.0	3.64	3.69	1.12	0.493	0.528	0.363	0.511	---	---	1947
1948	---	---	---	2.31	2.64	0.614	0.575	0.371	0.206	0.471	0.562	---	---	1948
1949	---	---	3.17	1.09	0.451	0.375	0.364	0.222	0.294	0.293	0.635	---	---	1949
1950	---	---	---	6.98	1.21	0.607	0.515	0.419	0.354	0.371	0.630	---	---	1950
1951	---	---	---	4.32	1.58	0.913	0.709	0.415	0.501	0.482	1.37	1.18	---	1951
1952	3.10	2.22	4.96	3.68	1.51	0.575	0.283	0.242	0.185	0.236	0.362	0.318	1.45	1952
1953	---	---	4.36	1.18	2.18	0.525	0.707	0.397	0.398	0.336	0.433	0.492	---	1953
1954	0.829	6.41	5.92	4.84	1.19	0.586	0.356	0.293	0.375	3.60	0.874	1.72	2.22	1954
1955	2.06	1.09	5.97	3.07	0.681	0.426	0.256	0.234	0.261	0.585	1.25	1.18	1.43	1955
1956	0.619	0.716	5.98	5.07	4.53	0.744	0.719	4.45	1.40	0.712	0.852	2.85	2.40	1956
1957	2.64	3.24	2.91	2.60	1.54	1.84	1.92	0.543	0.819	0.794	5.62	5.62	2.50	1957
1958	0.907	0.859	3.52	4.37	0.560	0.419	0.435	0.272	0.962	0.448	1.18	0.644	0.960	1958
1959	1.34	1.78	6.67	7.28	1.78	0.571	0.380	0.295	0.354	1.20	2.42	2.20	2.19	1959
1960	1.34	1.65	1.06	11.9	2.94	1.39	1.15	0.392	0.292	0.396	0.580	0.473	1.94	1960
1961	0.327	4.36	2.14	2.34	1.54	0.565	0.499	0.440	0.404	0.344	0.848	1.41	1.25	1961
1962	0.668	0.617	6.01	1.94	0.604	0.487	0.293	0.307	0.279	0.488	0.808	1.11	1.14	1962
1963	0.495	0.441	6.23	1.53	0.888	0.603	0.420	0.307	0.278	0.230	0.413	0.365	1.02	1963
1964	0.984	0.579	2.75	2.36	0.723	0.349	0.417	1.24	0.506	0.329	0.356	1.90	1.05	1964
1965	1.87	4.42	3.24	4.88	0.998	0.135	0.133	0.196	0.706	0.259	1.41	5.42	1.95	1965
1966	2.68	2.35	0.808	0.150	0.181	0.326	1.10	2.01	2.85	1.52	2.35	4.95	1.78	1966
1967	2.16	1.75	0.632	3.40	0.571	3.38	0.832	1.79	3.54	3.51	4.70	3.90	2.51	1967
1968	1.39	6.12	0.254	0.633	0.603	0.608	1.14	1.76	1.86	3.32	1.05	3.42	1.83	1968
1969	0.686	3.76	1.40	4.12	1.52	0.728	0.952	1.57	2.21	1.63	1.21	1.26	1.73	1969
1970	0.472	0.832	0.457	1.17	0.903	0.525	0.901	1.45	1.51	1.51	2.06	3.55	1.28	1970
1971	1.02	0.767	1.31	2.87	0.784	0.419	1.08	1.87	1.27	1.20	0.894	0.858	1.20	1971
1972	1.10	0.921	0.939	3.76	0.988	0.280	1.10	1.37	2.06	1.53	2.68	2.93	1.64	1972
1973	2.60	2.96	4.16	1.55	1.24	1.11	1.20	1.24	1.97	1.93	2.03	2.21	1.98	1973
1974	1.55	3.79	2.40	1.40	4.31	0.993	1.47	2.03	2.24	1.71	0.937	0.902	1.97	1974
1975	2.04	1.42	1.90	5.02	0.884	1.11	6.89	0.351	0.531	0.802	1.44	1.69	2.01	1975
1976	1.02	2.56	6.33	1.36	1.91	0.825	2.21	3.22	2.24	2.86	2.67	0.809	2.34	1976
1977	0.607	0.444	4.48	1.95	1.00	0.713	2.17	2.37	5.20	6.08	2.14	3.18	2.55	1977
1978	1.40	0.961	1.54	6.83	1.23	1.15	1.80	1.53	2.18	3.18	1.48	1.66	2.08	1978
1979	1.62	0.701	1.88	7.26	1.44	1.59	1.10	2.17	3.50	3.76	3.28	2.17	2.54	1979
1980	3.40	0.411	0.315	3.04	1.56	1.28	1.46	3.43	3.20	3.19	2.10	1.21	2.05	1980
1981	0.371	0.970	2.63	0.929	0.971	1.26	1.56	2.11	3.97	4.73	3.41	1.20	2.01	1981
1982	0.796	0.813	1.41	6.87	0.798	1.29	1.24	1.58	5.23	4.01	5.43	4.26	2.81	1982
1983	3.93	2.04	0.732	0.444	1.45	2.03	1.29	1.55	4.61	1.84	2.53	5.35	2.32	1983
1984	1.27	3.97	2.84	1.91	1.09	1.80	1.48	1.75	3.11	3.24	0.903	1.99	2.10	1984
1985	3.05	1.17	9.67	5.16	0.950	0.906	1.65	2.22	3.25	1.58	5.59	3.52	3.24	1985
1986	1.46	1.50	3.85	2.82	0.971	1.44	1.84	1.88	1.54	6.39	5.32	1.80	2.20	1986
1987	1.89	1.69	0.694	2.54	1.04	0.979	0.768	0.965	1.26	1.55	1.28	1.52	1.32	1987
1988	2.21	1.70	0.523	2.17	0.875	0.881	0.870	0.959	0.863	0.909	3.66	1.35	1.41	1988
1989	0.725	1.23	0.406	1.51	0.991	0.980	1.13	1.13	1.28	1.39	1.00	1.08	1.07	1989
1990	1.06	1.17	3.61	1.28	0.803	0.910	1.16	1.89	2.00	2.31	6.92	3.91	2.25	1990
MEAN	1.52	1.95	3.05	3.49	1.35	1.02	1.11	1.29	1.57	1.77	1.90	2.19	1.89	MEAN

LOCATION - LAT 43 15 50 N
LONG 081 04 48 W

DRAINAGE AREA, 140 km²
REGULATED

TROUT CREEK NEAR ST. MARYS - STATION NO. 02GD009

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1945	---	---	---	---	1945
1946	---	31.1 ON MAR 09	0.113 ON AUG 28	---	1946
1947	---	90.0 ON APR 06 *	---	---	1947
1948	---	61.4 ON MAR 19	---	---	1948
1949	---	29.7 ON FEB 16	---	---	1949
1950	54.4 AT 13:00 EST ON APR 04	46.7 ON APR 05	---	---	1950
1951	---	---	---	---	1951
1952	---	20.4 B ON MAR 11	0.142 ON SEP 01	46 000	1952
1953	---	---	---	---	1953
1954	---	63.4 ON FEB 16	0.170 ON AUG 23	70 100	1954
1955	---	35.1 ON MAR 11	0.113 ON JUL 30	45 000	1955
1956	---	47.6 ON MAR 07	0.311 ON JUL 18	75 900	1956
1957	---	43.9 ON NOV 15	0.227 ON JUN 08	78 800	1957
1958	---	9.83 ON MAR 24	0.142 ON AUG 14	30 300	1958
1959	---	40.2 ON APR 02	0.142 ON AUG 13	69 000	1959
1960	59.5 AT 22:00 EST ON APR 03 *	48.4 ON APR 03	0.102B ON MAR 11	61 500	1960
1961	---	29.7 ON FEB 24	0.193B ON FEB 01	39 300	1961
1962	23.6 B AT 20:00 EST ON MAR 25	18.0 B ON MAR 24	0.212 ON JUL 19	36 000	1962
1963	52.7 AT 01:00 EST ON MAR 26	43.0 ON MAR 26	0.184 ON OCT 05	32 300	1963
1964	24.0 AT 00:30 EST ON DEC 26	18.4 ON DEC 26	0.204 ON JUL 23	33 000	1964
1965	47.3 AT 02:30 EST ON FEB 11	39.9 ON FEB 11	0.065 ON APR 01 *	61 600	1965
1966	28.1 AT 15:00 EST ON NOV 18	10.2 ON FEB 12	0.119 ON DEC 31	56 100	1966
1967	21.6 AT 16:00 EST ON APR 04	15.2 ON APR 04	0.119 ON JAN 01	79 000	1967
1968	---	19.0 E ON FEB 07	0.113 ON MAR 14	57 900	1968
1969	10.9 AT 13:00 EST ON MAR 28	7.73 ON FEB 04	0.167 ON FEB 13	54 700	1969
1970	10.9 AT 12:08 EST ON DEC 05	9.74 ON APR 11	0.088 ON MAR 20	40 400	1970
1971	9.85 AT 22:32 EST ON APR 09	9.66 ON APR 10	0.292 ON JUN 25	37 700	1971
1972	14.2 AT 20:23 EST ON APR 19	13.9 ON APR 15	0.125 ON JUN 13	51 700	1972
1973	11.6 AT 10:38 EST ON MAR 14	7.70 ON MAR 18	0.210 ON MAY 06	62 500	1973
1974	25.6 AT 21:12 EST ON MAY 17	22.1 ON MAY 18	0.099 ON JAN 22	62 100	1974
1975	50.4 AT 08:45 EST ON JUL 29	48.1 ON JUL 29	0.074 ON DEC 11	63 400	1975
1976	15.4 AT 08:37 EST ON MAR 08	15.3 ON MAR 08	0.589 ON MAY 19	74 000	1976
1977	19.4 AT 14:40 EST ON MAR 16	18.8 ON MAR 17	0.212 ON MAR 14	80 300	1977
1978	30.0 AT 18:00 EST ON APR 12	28.2 ON APR 12	0.264 ON APR 06	65 600	1978
1979	26.3 AT 06:26 EST ON APR 15	24.5 ON APR 15	0.387 ON MAR 09	80 000	1979
1980	8.83 AT 12:25 EST ON JAN 02	8.55 ON JAN 03	0.088 ON MAR 25	64 900	1980
1981	9.87 AT 09:43 EST ON NOV 04	9.44 ON NOV 05	0.188 ON FEB 24	63 500	1981
1982	25.3 AT 15:09 EST ON APR 13	23.2 ON APR 14	0.207 ON MAY 25	88 500	1982
1983	10.0 AT 00:42 EST ON JAN 01	9.87 ON JAN 01	0.327 ON MAR 24	73 200	1983
1984	10.1 AT 23:15 EST ON FEB 23	10.1 ON FEB 25	0.476 ON FEB 09	66 600	1984
1985	17.9 AT 14:32 EST ON MAR 07	16.6 ON MAR 08	0.806 ON JUN 20	102 000	1985
1986	15.9 AT 15:15 EST ON OCT 02	15.1 ON OCT 03	0.505 ON APR 18	69 300	1986
1987	4.93 AT 13:14 EST ON APR 08	4.89 ON APR 14	0.121 ON JUL 16	41 600	1987
1988	9.73 AT 17:13 EST ON NOV 14	9.51 ON NOV 15	0.280 ON MAR 22	44 500	1988
1989	2.89 AT 12:29 EST ON APR 15	2.87 ON APR 16	0.163 ON APR 01	33 700	1989
1990	9.19 AT 15:13 EST ON NOV 08	9.07 ON NOV 09	0.744 ON MAY 26	71 100	1990
				59 600	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

TROUTLAKE RIVER ABOVE BIG FALLS - STATION NO. 05QC003

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1970	17.3	16.1	15.2	14.6	21.6	26.1	25.5	24.7	24.0	22.4	19.7	19.9	20.6	1970
1971	24.1	19.1	15.3	26.7	32.2	25.0	20.6	19.3	13.6	13.3	14.8	13.7	20.6	1971
1972	12.1	12.1	12.9	13.5	26.5	18.3	15.8	13.7	13.4	15.3	13.9	12.7	15.0	1972
1973	10.9	9.86	8.86	17.0	17.2	17.5	13.6	12.3	16.3	18.3	15.6	14.8	14.4	1973
1974	13.6	13.6	12.3	12.8	60.2	68.9	30.6	30.5	37.1	24.9	19.9	16.4	28.4	1974
1975	14.8	15.2	13.9	16.2	35.7	33.0	22.3	23.5	19.0	14.5	14.5	12.7	19.6	1975
1976	12.3	11.7	11.1	10.5	15.5	14.7	9.72	6.13	4.80	4.00	3.68	3.56	9.62	1976
1977	3.44	3.37	3.73	7.81	10.4	14.1	17.3	13.5	25.6	17.4	15.7	14.7	12.3	1977
1978	12.9	12.0	11.0	12.1	30.8	31.7	26.0	23.5	20.3	16.5	14.4	12.1	16.3	1978
1979	10.8	10.8	10.5	15.2	32.3	24.4	14.8	16.2	22.4	19.6	22.3	17.4	18.1	1979
1980	15.6	13.3	12.6	20.0	22.4	16.3	11.2	9.50	13.5	16.5	12.7	10.4	14.5	1980
1981	8.88	8.18	8.01	9.21	10.3	12.3	9.87	7.43	8.58	9.82	9.75	8.30	9.22	1981
1982	7.85	7.46	6.99	10.9	34.2	40.9	20.7	15.7	11.7	15.4	13.4	11.8	16.5	1982
1983	10.2	9.77	9.06	9.48	10.6	15.1	10.0	12.5	9.11	8.09	6.97	6.67	10.5	1983
1984	6.94	7.32	6.53	10.3	21.8	30.6	21.0	15.8	11.3	13.7	16.2	14.0	14.6	1984
1985	11.8	10.2	9.81	15.6	36.8	36.7	37.3	26.8	28.5	28.1	20.2	15.9	23.2	1985
1986	13.7	12.2	12.2	21.1	33.3	19.0	16.3	13.2	13.9	16.8	14.5	12.5	16.6	1986
1987	11.1	9.84	9.92	20.9	17.0	14.2	9.00	7.07	4.90	3.46	2.25	1.99	9.28	1987
1988	2.54	3.11	3.56	5.60	8.26	5.43	8.58	5.73	5.29	5.00	4.95	5.14	5.29	1988
1989	5.22	4.78	4.33	5.03	22.2	19.1	14.7	11.2	10.4	8.90	7.10	5.96	9.94	1989
1990	6.88	8.01	8.24	15.2	36.7	28.6	24.4	13.8	11.6	10.0	8.14	7.51	15.0	1990
MEAN	11.1	10.4	9.81	14.2	25.9	24.4	18.8	15.3	15.5	14.4	12.9	11.3	15.4	MEAN

LOCATION - LAT 50 54 30 N DRAINAGE AREA, 2 370 km^2
LONG 093 06 00 W NATURAL FLOW

TROUTLAKE RIVER ABOVE BIG FALLS - STATION NO. 05QC003

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1970	---	---	---	---	
1971	47.3 AT 21:47 CST ON APR 22	26.5A ON JUN 09	14.2 ON MAR 02	650 000	1970
1972	32.3 AT 17:26 CST ON MAY 03	46.7 ON APR 22	12.5 ON SEP 25	649 000	1971
1973	44.7 AT 19:10 CST ON APR 22	32.0 ON MAY 03	11.5 B ON JAN 23	476 000	1972
1974	104 AT 04:51 CST ON MAY 22 *	43.9 ON APR 22	8.30B ON MAR 29	453 000	1973
		100 ON MAY 25 *	11.2 B ON APR 05	897 000	1974
1975	46.7 AT 08:20 CST ON JUN 25	45.3 ON JUN 25	12.5 B ON DEC 27	619 000	1975
1976	37.4 AT 11:15 CST ON APR 18	36.8 ON APR 18	3.51B ON DEC 26	304 000	1976
1977	43.6 AT 03:00 CST ON SEP 12	42.8 ON SEP 11	3.31B ON FEB 14	388 000	1977
1978	69.1 AT 15:28 CST ON MAY 12	59.5 ON MAY 12	10.3 B ON MAR 30	610 000	1978
1979	41.4 AT 19:50 CST ON MAY 19	39.4 ON MAY 20	8.07 ON APR 17	570 000	1979
1980	41.7 AT 18:21 CST ON APR 23	40.6 ON APR 24	8.86 ON AUG 17	459 000	1980
1981	16.4 AT 15:11 CST ON JUN 29	16.2 ON JUN 29	5.23 ON SEP 05	291 000	1981
1982	55.3 AT 17:32 CST ON MAY 21	54.7 ON MAY 21	6.88B ON MAR 24	519 000	1982
1983	24.4 AT 20:43 CST ON JUL 05	24.2 ON JUL 06	6.66B ON DEC 12	330 000	1983
1984	39.2 AT 11:54 CST ON JUN 10	38.9 ON JUN 10	6.05B ON MAR 27	463 000	1984
1985	59.6 AT 23:23 CST ON JUN 29	58.6 ON JUN 29	9.74B ON APR 01	733 000	1985
1986	56.4E AT 11:54 CST ON APR 30	56.0 ON APR 30	11.2 ON AUG 31	523 000	1986
1987	28.8 AT 15:00 CST ON APR 13	28.6 ON APR 13	1.92B ON DEC 02 *	293 000	1987
1988	27.3 AT 17:55 CST ON JUL 19	12.0 ON JUL 18	2.20B ON JAN 01	167 000	1988
1989	27.3 AT 22:54 CST ON MAY 11	27.1 ON MAY 12	4.09B ON APR 17	313 000	1989
1990	46.8 AT 12:00 CST ON MAY 10	46.5 ON MAY 10	6.20B ON JAN 01	472 000	1990
				485 000	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX)
B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

TURKEY CREEK AT WINDSOR - STATION NO. 02GH004

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1982	---	---	---	0.528	0.354	0.364	0.400	0.237	0.284	0.162	0.622	0.676	---	1982
1983	0.219	0.276	0.356	0.697	0.820	0.531	0.618	0.391	0.379	0.347	0.347	0.635	0.503	1983
1984	0.222	0.574	0.838	0.364	0.391	0.206	0.147	0.347	0.163	0.207	0.271	0.303	0.336	1984
1985	0.352	1.06	0.709	0.433	0.289	0.216	0.286	0.415	0.235	0.418	0.776	0.244	0.455	1985
1986	0.234	0.561	0.633	0.345	0.176	0.451	0.227	0.265	0.723	0.484	0.236	0.524	0.405	1986
1987	0.284	0.264	0.391	0.402	0.331	0.724	0.427	0.418	0.411	0.220	0.405	0.802	0.424	1987
1988	0.353	0.426	0.326	0.332	0.167	0.196	0.147	0.148	0.247	0.255	0.465	0.253	0.275	1988
1989	0.296	0.165	0.282	0.428	0.381	0.548	0.471	0.179	0.279	0.209	0.276	0.132	0.304	1989
1990	0.420	1.18	0.526	0.459	0.488	0.368	0.230	0.415	0.790	0.724	0.407	1.02	0.581	1990
MEAN	0.298	0.563	0.518	0.443	0.377	0.400	0.351	0.315	0.390	0.336	0.445	0.510	0.410	MEAN

LOCATION - LAT 42 15 38 N
LONG 083 02 24 W
DRAINAGE AREA, 29.6 km^2
NATURAL FLOW

REMARKS - GAUGE OPERATIONAL FROM MAR 26 1982

TURKEY CREEK AT WINDSOR - STATION NO. 02GH004

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1982	---	---	0.060 ON OCT 24 *	---	1982
1983	14.6 AT 09:21 EST ON JUL 29	7.85 ON MAY 02	0.110 ON JUN 19	15 900	1983
1984	19.4 AT 17:30 EST ON AUG 18 *	5.35 ON MAR 21	0.073 ON SEP 30	10 600	1984
1985	19.3 AT 04:22 EST ON OCT 19	9.58 ON FEB 23	0.078 ON MAY 19	14 300	1985
1986	16.0 AT 01:55 EST ON SEP 23	5.12 ON SEP 23	0.080 ON JAN 01	12 800	1986
1987	13.1 AT 09:34 EST ON DEC 15	5.47 ON DEC 15	0.102 ON OCT 12	13 400	1987
1988	8.08 AT 23:12 EST ON OCT 17	2.24 ON NOV 20	0.071 ON OCT 13	8 700	1988
1989	13.2 AT 01:49 EST ON JUL 20	7.02 ON JUL 20	0.078 ON OCT 08	9 590	1989
1990	18.5 AT 02:24 EST ON SEP 07	16.9 A ON FEB 22 *	0.105 ON SEP 03	18 300	1990
				12 900	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX)
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

TURTLE RIVER NEAR MINE CENTRE - STATION NO. 05PB014

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1914	---	---	---	---	---	---	---	25.2	32.0	36.2	29.3	11.4	---	1914
1915	5.14	5.32	6.17	14.3	37.6	57.8	66.8	39.6	18.6	19.8	---	---	---	1915
1916	---	---	---	---	---	137	90.3	48.1	50.0	45.7	32.1	18.4	---	1916
1917	14.2	12.2	13.4	27.1	57.5	31.5	20.3	21.4	34.2	27.5	23.9	10.5	24.5	1917
1918	4.06	2.34	3.27	24.8	45.1	50.5	38.4	40.0	29.2	26.7	---	---	---	1918
1919	---	---	---	53.4	67.3	30.4	102	54.6	34.1	---	---	---	---	1919
1920	---	---	---	---	---	---	---	20.3	12.7	10.5	9.48	9.31	---	1920
1921	9.57	9.34	9.62	41.5	58.0	55.7	27.2	22.7	23.0	23.3	19.4	16.8	26.4	1921
1922	15.0	14.1	11.7	52.5	89.5	45.3	26.6	22.3	20.8	14.2	17.8	17.0	29.1	1922
1923	16.3	15.2	14.6	42.4	87.1	36.5	27.8	26.8	22.1	17.3	14.9	12.1	27.8	1923
1924	10.7	10.3	9.72	21.2	47.9	35.3	23.1	21.4	20.6	16.5	12.6	10.9	20.0	1924
1925	10.1	9.83	10.1	47.7	55.3	51.9	42.8	28.3	19.3	19.2	16.1	12.8	27.0	1925
1926	11.0	10.4	10.3	16.3	34.9	45.6	65.2	42.5	43.2	70.1	51.6	25.3	36.5	1926
1927	20.0	22.6	18.8	73.3	204	152	189	71.2	48.2	42.6	31.2	22.3	75.7	1927
1928	17.7	14.8	16.2	26.8	66.2	58.3	66.8	45.7	69.9	79.9	49.4	33.0	45.5	1928
1929	23.6	19.8	18.1	36.3	40.4	30.7	23.0	15.5	11.5	9.75	8.73	8.23	20.5	1929
1930	7.76	7.49	7.67	16.0	40.1	28.6	34.8	18.6	10.2	9.31	9.89	10.6	16.8	1930
1931	9.39	9.12	8.86	16.6	29.1	30.1	19.4	13.9	12.6	15.7	19.2	20.6	17.1	1931
1932	15.0	15.3	14.3	49.0	85.8	37.3	23.5	19.7	15.0	12.4	21.2	25.3	27.8	1932
1933	22.4	19.6	18.6	47.9	83.0	40.8	21.9	15.2	11.6	12.2	14.4	13.7	26.8	1933
1934	13.8	14.0	13.6	33.8	118	64.5	49.0	27.1	19.9	18.6	22.9	19.8	34.7	1934
1935	16.2	14.7	15.8	54.3	111	61.5	77.6	50.2	27.6	25.0	24.9	21.7	41.9	1935
1936	18.0	15.2	14.4	24.1	67.1	42.6	26.8	16.3	13.0	9.14	7.40	5.80	21.7	1936
1937	5.31	4.94	6.92	35.9	111	86.9	45.2	28.4	20.1	16.8	13.5	10.3	32.3	1937
1938	9.21	9.03	9.62	63.3	134	63.4	35.6	27.9	14.6	9.98	8.87	9.11	33.2	1938
1939	9.18	8.65	8.43	12.5	28.0	31.1	28.7	22.3	16.0	14.8	11.8	9.47	16.8	1939
1940	7.56	5.91	5.72	9.51	44.4	27.8	16.7	10.5	6.80	4.89	5.86	6.25	12.7	1940
1941	6.09	6.00	5.97	53.4	47.1	97.8	58.4	33.2	104	236	96.1	55.7	66.9	1941
1942	41.3	36.2	32.8	41.6	58.7	41.0	35.3	29.3	67.5	44.4	31.8	24.6	40.4	1942
1943	20.8	21.7	23.3	41.3	151	129	88.7	45.5	34.3	29.7	21.7	17.7	52.3	1943
1944	14.2	11.5	10.1	14.2	52.0	67.5	53.8	89.9	65.2	46.0	22.9	19.9	39.0	1944
1945	19.6	19.0	20.9	72.7	57.2	28.3	39.2	32.4	47.1	41.3	18.5	17.7	34.5	1945
1946	16.8	16.3	17.5	69.4	53.9	42.6	39.4	32.4	20.8	33.2	26.3	15.9	32.1	1946
1947	14.5	14.4	15.4	29.5	79.9	115	77.6	42.3	29.0	33.5	27.5	22.9	41.9	1947
1948	21.1	18.4	16.3	25.8	122	47.3	32.8	31.9	25.0	13.1	10.9	9.45	33.7	1948
1949	9.17	9.49	9.51	40.5	64.4	44.1	37.3	34.3	15.9	13.7	18.3	17.2	26.2	1949
1950	14.0	12.3	11.7	25.2	190	118	129	71.6	47.7	33.3	27.4	25.8	59.3	1950
1951	21.8	18.7	17.8	53.6	137	55.8	38.7	32.0	29.3	34.1	34.3	28.2	41.9	1951
1952	23.1	19.5	17.2	30.7	42.6	36.6	120	76.4	27.4	23.1	9.30	7.25	35.0	1952
1953	6.71	6.03	7.33	15.4	21.5	60.7	52.7	29.6	18.4	32.1	27.6	18.9	25.9	1953
1954	15.4	15.3	18.0	51.1	138	92.4	53.6	30.0	20.7	19.3	17.3	17.2	40.8	1954
1955	10.9	8.98	9.90	56.6	67.6	63.6	52.0	23.6	14.9	19.4	22.2	21.7	31.0	1955
1956	19.9	17.1	8.90	41.1	125	99.8	48.8	29.8	15.5	11.7	11.2	9.90	36.6	1956
1957	10.1	7.95	7.59	40.2	83.2	51.1	44.3	24.4	26.7	25.8	29.9	25.7	31.5	1957
1958	18.3	16.7	15.5	20.7	25.5	34.1	46.5	24.4	25.5	16.7	17.6	23.5	23.8	1958
1959	19.0	15.4	14.9	28.7	48.2	63.8	49.4	48.1	39.3	25.3	26.8	20.9	33.4	1959
1960	18.8	16.6	15.2	26.8	43.6	92.8	41.1	23.8	21.6	18.8	15.4	15.6	29.1	1960
1961	15.7	15.2	15.2	36.0	60.5	43.2	24.4	16.4	34.3	43.8	25.5	16.3	28.9	1961
1962	15.7	14.7	13.5	28.4	111	110	76.5	77.1	55.9	34.1	20.1	18.2	47.3	1962
1963	15.0	14.7	14.6	35.8	43.1	124	91.6	86.2	52.9	27.2	18.1	17.0	45.5	1963
1964	16.2	15.4	14.5	39.7	152	107	94.8	79.1	114	89.5	55.5	37.9	68.2	1964
1965	27.9	21.6	18.1	43.3	104	78.2	61.4	50.2	43.4	90.5	71.3	45.8	54.9	1965
1966	40.2	34.5	33.1	81.5	170	110	52.0	36.4	22.6	13.4	11.6	11.1	51.5	1966
1967	10.9	11.5	12.2	67.2	77.6	55.2	44.3	41.0	18.2	12.4	10.6	10.5	31.0	1967
1968	11.6	12.0	12.8	62.3	63.5	121	100	50.3	54.5	68.0	65.0	38.7	54.0	1968
1969	33.7	31.0	26.7	68.8	84.0	97.6	88.1	82.0	35.8	37.2	28.9	25.1	53.4	1969
1970	23.0	19.6	18.3	36.6	155	114	56.2	34.2	26.9	41.2	72.4	48.6	54.0	1970
1971	36.3	28.9	27.7	79.6	87.6	76.8	42.4	23.1	16.8	71.2	140	78.7	59.1	1971
1972	51.5	37.6	30.7	42.0	83.3	52.6	66.5	49.4	30.3	25.8	25.8	19.4	43.0	1972
1973	16.5	15.0	15.9	30.2	39.4	31.1	28.7	49.8	45.4	63.1	43.6	33.1	34.4	1973
1974	26.0	23.2	20.9	42.6	141	166	58.3	30.7	26.1	27.1	26.8	25.1	51.3	1974
1975	24.1	23.1	22.0	37.9	84.5	42.5	33.5	24.5	21.6	22.7	26.9	21.8	32.2	1975
1976	19.1	18.4	19.1	70.8	52.9	36.8	52.8	20.5	17.7	17.0	12.4	11.3	27.9	1976
1977	11.3	11.2	12.5	24.7	36.1	40.1	53.9	31.8	56.6	60.5	43.7	41.3	35.5	1977
1978	30.8	24.5	20.3	33.2	83.4	104	58.1	56.1	50.3	30.2	19.8	16.4	44.0	1978
1979	15.1	14.5	15.8	---	---	---	33.1	22.8	23.6	16.9	35.2	25.9	---	1979
1980	20.5	---	---	34.4	36.5	19.1	---	---	---	21.2	19.4	16.1	---	1980
1981	14.5	13.4	13.0	38.7	44.8	31.8	25.1	15.0	11.4	14.4	13.3	11.9	20.6	1981
1982	11.7	11.8	12.2	32.9	111	86.4	85.9	58.8	43.2	---	---	---	---	1982
1983	---	23.9	22.3	29.7	35.0	46.5	52.7	27.6	19.9	38.1	27.2	---	---	1983
1984	19.1	16.9	14.5	43.1	61.6	83.5	60.9	25.3	12.6	11.7	14.6	15.9	31.6	1984
1985	16.8	14.6	13.7	69.3	172	87.9	83.2	60.9	75.5	117	61.7	41.5	68.2	1985
1986	30.0	24.6	22.4	81.0	141	52.9	51.1	37.1	23.6	29.9	24.9	23.0	45.3	1986
1987	17.6	15.3	16.8	28.4	22.4	28.5	13.5	20.6	25.8	19.0	16.3	16.1	20.0	1987
1988	13.3	11.7	11.9	30.3	30.0	22.7	14.1	16.4	58.2	77.3	42.9	38.5	30.6	1988
1989	32.5	26.3	20.7	54.5	99.7	65.7	82.1	34.6	24.5	19.2	14.7	11.8	40.7	1989
1990	11.0	11.2	15.5	31.1	73.4	97.0	63.9	27.1	16.5	12.7	10.5	10.2	31.7	1990
MEAN	17.5	15.7	15.1	41.0	79.6	65.5	53.5	36.3	32.0	33.3	27.1	21.0	37.0	MEAN

LOCATION - LAT 48 51 00 N LONG 092 43 30 W

DRAINAGE AREA, 4 870 km²

NATURAL FLOW

TURTLE RIVER NEAR MINE CENTRE - STATION NO. 05PB014

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1914	---	---	---	---	1914
1915	---	80.7 ON JUL 01	5.10 ON JAN 26	---	1915
1916	---	165 ON JUN 05	---	---	1916
1917	---	66.5 ON MAY 09	5.89 ON DEC 29	773 000	1917
1918	---	61.4 ON JUN 10	---	---	1918
1919	---	144 ON JUL 09	---	---	1919
1920	---	---	---	---	1920
1921	---	74.5 ON MAY 21	9.23B ON FEB 05	833 000	1921
1922	---	100 ON APR 28	11.9 ON OCT 29	917 000	1922
1923	---	131 B ON APR 29	11.1 ON DEC 31	878 000	1923
1924	---	66.8 ON MAY 01	9.54 ON MAR 24	634 000	1924
1925	---	78.2 ON MAY 05	9.77 ON JAN 29	852 000	1925
1926	---	81.3 ON JUN 23	10.2 B ON FEB 23	1 150 000	1926
1927	---	245 ON JUL 15	17.9 ON MAR 12	2 390 000	1927
1928	---	93.2 ON OCT 09	14.6 B ON FEB 09	1 440 000	1928
1929	---	46.7 ON APR 27	8.21 ON DEC 10	645 000	1929
1930	---	55.2 ON MAY 20	7.48 ON JAN 25	531 000	1930
1931	---	42.2 ON MAY 30	9.61 ON MAR 27	539 000	1931
1932	---	101 ON APR 25	11.6 ON OCT 14	881 000	1932
1933	---	120 ON APR 28	10.8 ON SEP 09	844 000	1933
1934	---	153 ON MAY 07	13.4 B ON MAR 21	1 100 000	1934
1935	---	131 ON MAY 01	14.5 B ON JAN 31	1 320 000	1935
1936	---	71.4 ON MAY 10	5.55 ON DEC 31	685 000	1936
1937	---	163 ON MAY 02	4.84 ON FEB 18	1 020 000	1937
1938	---	179 ON MAY 09	8.21 ON MAR 11	1 050 000	1938
1939	---	39.1 ON JUN 06	8.04 ON APR 16	529 000	1939
1940	---	50.7 ON MAY 03	4.28 ON OCT 25 *	401 000	1940
1941	---	303 ON OCT 02 *	5.97B ON MAR 01	2 110 000	1941
1942	---	93.2 ON SEP 06	21.9 ON DEC 31	1 270 000	1942
1943	---	203 ON MAY 07	18.8 ON DEC 31	1 650 000	1943
1944	---	124 ON AUG 13	10.1 E ON MAR 01	1 230 000	1944
1945	---	90.0 ON APR 02	17.7 B ON DEC 01	1 090 000	1945
1946	---	104 ON APR 19	14.6 ON OCT 04	1 010 000	1946
1947	---	159 ON JUN 14	14.4 B ON FEB 01	1 320 000	1947
1948	---	201 ON MAY 02	9.40B ON DEC 07	1 070 000	1948
1949	---	81.8 ON MAY 07	9.17B ON JAN 01	828 000	1949
1950	---	257 ON MAY 17	11.7 B ON MAR 01	1 870 000	1950
1951	---	186 ON MAY 04	17.8 B ON MAR 01	1 320 000	1951
1952	---	150 ON JUL 23	7.25B ON DEC 01	1 110 000	1952
1953	---	66.8 ON JUN 09	6.03B ON FEB 01	817 000	1953
1954	---	168 ON MAY 19	15.0 ON FEB 14	1 290 000	1954
1955	---	95.7 ON JUL 05	8.86 ON FEB 24	979 000	1955
1956	---	158 ON MAY 18	8.27 ON MAR 01	1 160 000	1956
1957	---	140 ON APR 28	6.97 ON FEB 23	995 000	1957
1958	56.9 AT 05:15 CST ON JUL 22	56.4 ON JUL 22	14.6 ON NOV 05	751 000	1958
1959	---	73.1 ON JUN 07	14.0 ON MAR 05	1 050 000	1959
1960	105 AT 15:00 CST ON JUN 06	104 ON JUN 05	13.9 ON APR 12	921 000	1960
1961	70.8 AT 18:00 CST ON APR 25	70.5 ON APR 25	12.9 ON AUG 30	912 000	1961
1962	164 AT 21:30 CST ON MAY 24	163 ON MAY 24	11.0 ON MAR 27	1 490 000	1962
1963	---	153 ON JUN 16	12.1 ON MAR 03	1 440 000	1963
1964	192 AT 17:00 CST ON MAY 12	190 ON MAY 12	13.9 ON MAR 27	2 160 000	1964
1965	140 AT 13:15 CST ON MAY 25	136 ON MAY 26	17.7 E ON MAR 24	1 730 000	1965
1966	195 AT 14:00 CST ON MAY 22	194 ON MAY 25	10.9 E ON DEC 27	1 620 000	1966
1967	---	99.1E ON APR 21	10.2 ON DEC 26	979 000	1967
1968	163 AT 12:15 CST ON JUN 17	160 ON JUN 16	10.7 E ON JAN 01	1 740 000	1968
1969	124 AT 11:30 CST ON JUN 07	123 ON JUN 06	22.0 E ON APR 09	1 680 000	1969
1970	167 AT 15:00 CST ON MAY 17	164 ON MAY 17	17.4 ON MAR 18	1 700 000	1970
1971	159 AT 23:30 CST ON NOV 04	157 ON NOV 04	15.1 ON SEP 26	1 860 000	1971
1972	---	130 ON JUL 23	17.5 ON DEC 29	1 360 000	1972
1973	84.1 AT 15:00 CST ON OCT 17	83.5 ON OCT 17	14.1 ON MAR 05	1 090 000	1973
1974	230 A AT 12:35 CST ON JUN 11	229 A ON JUN 11	20.1 ON APR 08	1 620 000	1974
1975	121 AT 15:20 CST ON MAY 05	120 ON MAY 04	18.7 ON OCT 13	1 010 000	1975
1976	126 AT 16:30 CST ON APR 21	125 ON APR 21	11.1 A ON NOV 27	883 000	1976
1977	92.9 AT 21:40 CST ON SEP 28	92.3 ON SEP 28	11.0 E ON MAR 04	1 120 000	1977
1978	155 AT 15:04 CST ON JUN 04	154 ON JUN 04	15.6 E ON DEC 30	1 390 000	1978
1979	---	---	14.3 ON FEB 20	---	1979
1980	58.2 AT 12:00 CST ON APR 28	58.2 ON APR 28	---	---	1980
1981	60.9 AT 09:00 CST ON MAY 02	60.2 ON APR 30	10.7 ON SEP 24	651 000	1981
1982	126 AT 06:32 CST ON MAY 23	126 ON MAY 22	---	---	1982
1983	71.7 AT 07:30 CST ON JUN 25	71.3 ON JUN 25	---	---	1983
1984	121 AT 23:23 CST ON JUN 12	120 ON JUN 14	8.02 ON OCT 14	1 000 000	1984
1985	235 AT 14:05 CST ON APR 28 *	234 ON APR 28	12.9 ON MAR 21	2 150 000	1985
1986	183 AT 14:27 CST ON MAY 08	183 ON MAY 08	20.7 ON DEC 30	1 430 000	1986
1987	38.3 AT 18:27 CST ON JUN 02	37.5 ON JUN 04	12.1 ON JUL 19	631 000	1987
1988	126 AT 06:34 CST ON SEP 26	126 ON SEP 25	11.0 ON AUG 13	968 000	1988
1989	---	139 A ON MAY 02	11.1 A ON DEC 31	1 280 000	1989
1990	112 AT 18:45 CST ON JUN 10	112 ON JUN 10	9.85 ON NOV 23	1 000 000	1990
				1 170 000	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX) B - ICE CONDITIONS E - ESTIMATED * - EXTREME RECORDED FOR THE PERIOD OF RECORD

TWENTY MILE CREEK ABOVE SMITHVILLE - STATION NO. 02HA020

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1987	1.44	0.206	3.68	8.65	0.079	0.149	2.46	2.88	0.476	0.462	2.18	4.61	2.28	1987
1988	0.589	2.48	1.67	0.966	0.285	0.003	0.262	0.468	0.073	0.409	2.15	0.789	0.837	1988
1989	1.04	0.512	3.11	1.92	2.28	0.432	0.216	0.083	0.182	0.108	1.48	0.151	0.962	1989
1990	5.86	6.87	4.89	2.17	2.13	0.021	0.007	0.002	0.025	0.349	0.480	10.5	2.76	1990
MEAN	2.23	2.52	3.34	3.43	1.19	0.151	0.736	0.858	0.189	0.332	1.57	4.01	1.71	MEAN

LOCATION - LAT 43 06 54 N LONG 079 33 56 W DRAINAGE AREA, 168 km^2 NATURAL FLOW

REMARKS - STATION ACTIVATED NOV 04 1986

TWENTY MILE CREEK ABOVE SMITHVILLE - STATION NO. 02HA020

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1987	80.1 AT 13:12 EST ON APR 06	75.6 ON APR 06	0 ON JUN 05 *	72 000	1987
1988	11.3 AT 12:46 EST ON MAR 26	9.64 ON MAR 26	0 ON JUN 05	26 500	1988
1989	18.9 AT 20:00 EST ON MAY 12	15.5 ON MAY 12	0 ON JUL 19	30 300	1989
1990	92.0 AT 21:16 EST ON DEC 30 *	80.5 ON DEC 30 *	0 ON JUL 07	87 100	1990
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		54 000	MEAN

TWENTY MILE CREEK AT BALLS FALLS - STATION NO. 02HA006

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1957	---	---	---	5.88	3.85	0.452	0.429	0.001	0.001	0	0	1.48	---	1957
1958	0.178	0.661	12.0	2.23	0.228	0.023	0	0	0	0.002	0.040	0.313	1.32	1958
1959	5.66	4.33	16.9	11.0	0.696	0.115	0.001	0	0	0.088	0.984	7.28	3.93	1959
1960	3.50	3.85	2.71	23.1	6.79	0.239	0.029	0.065	0.002	0	0.003	0.001	3.33	1960
1961	0	7.01	2.49	8.30	1.21	0.249	0.058	0.225	0.025	0.002	0.005	0.310	1.61	1961
1962	2.01	0.879	15.2	0.671	0.127	0.029	1.14	0.550	0.675	6.93	8.15	4.24	3.41	1962
1963	0.064	0.030	12.2	3.02	1.15	0.235	0.057	0.347	0.014	0.001	0.011	0.058	1.45	1963
1964	2.21	0.194	11.2	5.04	0.922	0.133	0.056	0.387	0.169	0.005	0.008	1.11	1.80	1964
1965	2.07	10.0	5.54	8.46	0.244	0.004	0.002	0.026	0.109	0.349	2.15	3.36	2.63	1965
1966	1.43	5.46	10.4	1.26	1.28	0.135	0.003	0	0	0	0.009	3.09	2.07	1966
1967	1.73	1.38	6.71	4.75	2.95	0.118	0.082	0.012	0.007	0.116	0.764	3.84	1.88	1967
1968	0.921	11.9	7.30	1.07	0.710	1.12	0.231	0.007	0.960	0.227	7.13	3.81	2.91	1968
1969	10.4	3.43	3.91	9.47	4.05	0.801	0.122	0.147	0	0.001	0.070	0.922	2.78	1969
1970	0.288	2.94	8.53	4.20	0.596	0.063	0.055	0.006	0.020	0.195	2.31	4.83	2.00	1970
1971	1.25	6.21	14.3	3.45	0.110	0.031	0.006	0.001	0.004	0.005	0.016	1.95	2.26	1971
1972	4.56	0.346	17.1	9.69	1.60	0.140	0.380	1.18	0.041	0.477	5.80	7.85	4.12	1972
1973	3.63	3.08	17.5	5.26	1.99	0.407	0.064	0	0.001	0.099	7.01	8.96	4.01	1973
1974	9.60	5.98	7.74	5.91	7.13	0.791	0.088	0.007	0.001	0	0.112	1.10	3.20	1974
1975	2.01	6.59	9.89	2.68	0.780	0.444	0.030	1.06	1.43	1.32	1.31	4.24	2.63	1975
1976	5.57	17.4	13.3	8.67	5.29	0.104	0.287	0.252	0.015	0.077	0.071	0.066	3.95	1976
1977	0.050	0.445	11.3	3.77	0.162	0.174	0.709	0.009	7.53	5.46	2.01	14.7	3.89	1977
1978	1.37	0.503	16.3	7.56	0.734	0.086	0.002	0.009	0.141	1.79	0.951	2.81	2.71	1978
1979	3.94	2.14	13.4	11.7	0.870	0.171	0.010	0.014	0.215	0.179	1.18	7.83	3.49	1979
1980	1.11	0.503	8.26	7.40	0.965	0.354	0.802	0.305	0.069	0.232	0.212	1.69	1.83	1980
1981	0.136	13.1	1.33	1.75	1.74	1.36	1.46	1.67	4.26	3.67	3.63	1.19	2.86	1981
1982	0.972	0.218	17.0	7.57	0.367	3.92	0.168	0.065	0.399	0.579	5.71	10.1	3.95	1982
1983	1.48	4.53	6.59	6.41	4.30	0.754	0.293	0.638	0.017	0.449	4.77	8.35	3.21	1983
1984	0.491	12.2	11.0	10.5	2.66	5.76	0.159	0.061	3.21	0.239	1.94	4.46	4.34	1984
1985	2.65	12.2	11.0	4.98	0.312	0.436	0.022	0.079	0.050	0.620	17.3	3.85	4.38	1985
1986	1.99	1.61	13.6	4.72	2.66	0.590	0.269	0.164	0.463	2.74	4.04	7.87	3.41	1986
1987	2.65	0.466	7.01	12.4	0.107	0.255	2.71	2.66	0.750	0.621	3.74	7.88	3.45	1987
1988	1.36	5.73	3.95	1.73	0.495	0.022	0.305	0.484	0.180	0.656	3.45	1.24	1.61	1988
1989	1.61	1.08	6.00	4.12	4.88	1.85	0.104	0.152	0.314	0.202	2.95	0.332	1.97	1989
1990	9.35	12.1	8.17	4.29	3.92	0.146	0.017	0.061	0.045	0.788	0.908	12.1	4.30	1990
MEAN	2.52	4.80	9.99	6.32	1.94	0.633	0.299	0.313	0.621	0.827	2.61	4.21	2.93	MEAN

LOCATION - LAT 43 08 02 N LONG 079 23 00 W DRAINAGE AREA, 293 km^2 NATURAL FLOW

TWENTY MILE CREEK AT BALLS FALLS - STATION NO. 02HA006

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1957	---	60.0 ON APR 06	0 ON AUG 07 *	---	1957
1958	---	23.6 ON MAR 05	0 ON JUN 07	41 500	1958
1959	---	85.0 ON JAN 22	0 ON JUL 07	124 000	1959
1960	---	130 ON APR 04 *	0 B ON MAR 09	105 000	1960
1961	---	66.0 ON FEB 26	0 B ON JAN 01	50 700	1961
1962	---	83.3 ON MAR 13	0 RB ON FEB 20	108 000	1962
1963	---	65.1 ON MAR 10	0 ON JUL 19	45 900	1963
1964	---	48.7 ON MAR 15	0 ON JUL 08	56 900	1964
1965	---	73.9 ON FEB 11	0 ON JUN 18	83 100	1965
1966	---	40.8 ON FEB 12	0 ON JUL 14	65 400	1966
1967	---	28.9 ON DEC 22	0 ON SEP 16	59 300	1967
1968	---	115 ON FEB 02	0.001 ON AUG 02	91 900	1968
1969	79.9 AT 07:00 EST ON JAN 31	75.6 ON JAN 31	0 ON AUG 30	87 500	1969
1970	40.2 AT 04:00 EST ON APR 03	32.3 ON APR 03	0 ON AUG 08	63 000	1970
1971	89.8 AT 11:20 EST ON FEB 28	77.0 ON FEB 28	0 ON MAY 24	71 200	1971
1972	38.5 AT 16:30 EST ON MAR 22	36.8B ON MAR 10	0.013 ON SEP 23	130 000	1972
1973	77.3 AT 05:17 EST ON DEC 28	70.2 ON DEC 28	0 ON AUG 03	127 000	1973
1974	74.2 AT 14:14 EST ON MAR 05	64.6 ON MAR 05	0 ON AUG 16	101 000	1974
1975	54.7 AT 06:46 EST ON FEB 25	49.3 ON FEB 25	0.002 ON AUG 01	82 900	1975
1976	92.9 AT 01:40 EST ON MAR 06	78.2 ON APR 26	0 ON SEP 06	125 000	1976
1977	63.7 AT 00:15 EST ON SEP 27	52.4 ON SEP 27	0.001 ON MAY 28	123 000	1977
1978	87.8 AT 23:47 EST ON MAR 23	79.6 ON MAR 22	0 ON JUL 02	85 500	1978
1979	123 AT 05:03 EST ON MAR 05 *	103 ON MAR 05	0 ON JUL 19	110 000	1979
1980	60.3 AT 02:21 EST ON MAR 22	47.4 ON MAR 22	0 ON AUG 31	57 900	1980
1981	55.7 AT 02:30 EST ON FEB 20	50.2 ON FEB 20	0.010 ON JUL 17	90 200	1981
1982	80.5 AT 14:10 EST ON MAR 15	68.4 ON MAR 14	0.012 ON SEP 20	125 000	1982
1983	37.8 AT 00:28 EST ON DEC 13	35.8 ON DEC 13	0.001 ON SEP 15	101 000	1983
1984	96.0 AT 15:31 EST ON FEB 14	76.2 ON FEB 14	0.002 ON AUG 08	137 000	1984
1985	116 AT 22:50 EST ON FEB 24	105 ON FEB 25	0 A ON JUL 28	138 000	1985
1986	73.5 AT 15:31 EST ON MAR 11	66.5 ON MAR 11	0.013 ON SEP 10	108 000	1986
1987	80.9 AT 23:04 EST ON APR 06	74.2 ON APR 06	0.008 ON JUN 19	109 000	1987
1988	28.0 AT 04:06 EST ON MAR 27	23.5 ON MAR 26	0 ON JUN 21	51 100	1988
1989	38.3 AT 10:58 EST ON MAY 12	34.5 ON MAY 12	0 ON SEP 11	62 100	1989
1990	80.5 AT 02:00 EST ON DEC 31	75.3B ON DEC 30	0.001 ON AUG 01	135 000	1990
				92 500	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX) B - ICE CONDITIONS

* - EXTREME RECORDED FOR THE PERIOD OF RECORD
R - REVISED SINCE JAN 01 1989

URFE CREEK NEAR BROUGHAM - STATION NO. 02HC043

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1974	---	---	---	---	---	---	---	0	0	0	0.001	0.002	---	1974
1975	0.010	0.098	0.047	0.043	0.011	0.001	0	0.001	0.001	0.001	0.001	0.004	0.018	1975
1976	0.002	0.034	0.147	0.019	0.021	0.003	---	---	---	---	---	---	---	1976
MEAN	0.006	0.066	0.097	0.031	0.016	0.002	0	0.001	0.001	0.001	0.001	0.003	0.018	MEAN

LOCATION - LAT 43 55 01 N LONG 079 06 50 W DRAINAGE AREA, 2.85 km^2 NATURAL FLOW

URFE CREEK NEAR BROUGHAM - STATION NO. 02HC043

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1974	---	---	0 ON JUL 21 *	---	1974
1975	3.54 AT 14:31 EST ON FEB 24 *	1.45 ON FEB 24 *	0 ON JUN 11	553	1975
1976	3.45 AT 15:38 EST ON MAR 20	1.15 ON MAR 20	0B ON JAN 16	---	1976
				553	MEAN

B - ICE CONDITIONS * - EXTREME RECORDED FOR THE PERIOD OF RECORD

UXBRIDGE BROOK AT UXBRIDGE - STATION NO. 02EC101

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1970	---	---	---	---	---	---	---	---	---	---	0.336	0.310	---	1970
1971	0.296	0.326	0.315	0.447	0.324	0.339	0.331	0.313	0.286	0.286	0.301	0.332	0.324	1971
1972	0.293	0.290	0.311	0.656	0.386	0.316	0.292	0.340	0.364	0.395	0.408	0.377	0.369	1972
1973	0.355	0.325	0.512	0.370	0.337	0.393	0.340	0.293	0.310	0.385	0.403	0.348	0.364	1973
1974	0.362	0.354	0.457	0.456	0.438	0.339	0.375	0.319	0.327	0.343	0.357	0.342	0.373	1974
1975	0.328	0.468	0.468	0.451	0.394	0.287	0.278	0.290	0.316	0.308	0.292	0.285	0.346	1975
1976	0.291	0.363	0.574	0.451	0.407	0.331	0.459	0.351	0.320	0.299	0.316	0.327	0.374	1976
1977	0.301	0.281	0.414	0.326	0.270	0.262	0.238	0.302	0.299	0.301	0.303	0.309	0.301	1977
1978	0.293	0.277	0.315	0.484	0.425	0.311	0.261	0.344	0.346	0.372	0.335	0.308	0.339	1978
1979	0.346	0.320	0.611	0.446	0.382	0.336	0.300	0.330	0.311	0.348	0.330	0.481	0.379	1979
1980	0.363	0.312	0.776	0.554	0.391	0.375	0.417	0.308	0.334	0.392	0.326	0.327	0.407	1980
1981	---	---	0.349	0.382	0.378	0.334	0.287	0.355	0.366	0.394	0.403	0.350	---	1981
1982	0.358	0.324	0.431	0.619	0.373	0.381	0.363	0.346	0.344	0.363	0.443	0.333	0.390	1982
1983	0.312	0.393	0.379	0.408	0.412	0.313	0.291	0.338	0.338	0.356	0.391	0.329	0.355	1983
1984	0.309	0.495	0.470	0.483	0.427	0.355	0.358	0.367	0.348	0.348	0.370	0.344	0.389	1984
1985	0.325	0.485	0.490	0.442	0.368	0.341	0.335	---	---	---	---	---	---	1985
MEAN	0.324	0.358	0.458	0.465	0.381	0.334	0.328	0.328	0.329	0.349	0.354	0.340	0.362	MEAN

LOCATION - LAT 44 06 45 N
LONG 079 07 20 W
DRAINAGE AREA, 24.3 km²
REGULATED
DATA CONTRIBUTED BY - ONTARIO MINISTRY OF THE ENVIRONMENT

UXBRIDGE BROOK AT UXBRIDGE - STATION NO. 02EC101

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1970	---	---	---	---	1970
1971	4.53 AT 22:00 EST ON JUN 27	0.906E ON JUN 28	0.130 ON JUN 19 *	10 200	1971
1972	2.66 AT 18:34 EST ON APR 13	1.98 ON APR 14	0.238 ON JUL 29	11 700	1972
1973	3.82 AT 18:40 EST ON MAR 04	2.50 ON MAR 04	0.221 ON FEB 14	11 500	1973
1974	3.40 AT 04:45 EST ON MAR 05	2.83 ON MAR 05	0.263 ON APR 26	11 700	1974
1975	5.10 AT 17:26 EST ON MAR 19 *	2.41 ON FEB 25	0.176 ON JUL 12	10 900	1975
1976	3.82 AT 02:02 EST ON MAR 21	2.27 ON MAR 21	0.195 ON JUN 09	11 800	1976
1977	1.53 AT 05:30 EST ON MAR 10	1.27 ON MAR 10	0.190 ON JUL 23	9 480	1977
1978	1.25 AT 16:48 EST ON MAY 12	1.14 ON MAY 14	0.133 ON JUL 18	10 700	1978
1979	---	1.74 ON MAR 05	0.153 ON APR 25	12 000	1979
1980	---	4.53 E ON MAR 21 *	0.212 ON AUG 26	12 900	1980
1981	1.59 AT 17:21 EST ON FEB 20	1.12 ON FEB 20	0.212 ON JUN 25	---	1981
1982	3.20 AT 23:20 EST ON MAR 31	1.45 ON MAR 31	0.200 ON SEP 23	12 300	1982
1983	1.97 AT 13:09 EST ON FEB 03	1.24 ON FEB 03	0.255 ON DEC 27	11 200	1983
1984	2.76 AT 07:55 EST ON FEB 14	2.70 ON FEB 14	0.139 ON SEP 21	12 300	1984
1985	2.56 AT 22:09 EST ON FEB 24	2.40 ON FEB 24	0.240 ON JUL 26	---	1985
	E - ESTIMATED	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		11 400	MEAN

VENISON CREEK NEAR BIG CREEK - STATION NO. 02GC009

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1963	---	---	---	---	---	---	---	---	---	0.598	0.619	0.658	---	1963
1964	0.771	0.688	1.25	1.34	1.07	0.635	0.544	0.973	0.725	0.654	0.653	1.28	0.884	1964
1965	1.51	2.73	4.05	2.41	1.10	0.833	0.631	0.749	0.832	0.991	1.05	1.34	1.51	1965
1966	0.802	1.59	2.52	1.57	1.22	0.855	0.432	0.568	0.554	---	---	---	---	1966
MEAN	1.03	1.67	2.61	1.77	1.13	0.774	0.536	0.763	0.704	0.748	0.774	1.09	1.20	MEAN

LOCATION - LAT 42 39 15 N
LONG 080 32 55 W
DRAINAGE AREA, 81.4 km²
NATURAL FLOW

VENISON CREEK NEAR BIG CREEK - STATION NO. 02GC009

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1963	---	---	---	---	1963
1964	---	3.79 ON DEC 26	0.374 ON JUL 31 *	28 000	1964
1965	---	44.7 E ON MAR 06 *	0.379 ON JUL 31	47 700	1965
1966	---	---	---	---	1966
	E - ESTIMATED	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		37 900	MEAN

VENISON CREEK NEAR WALSINGHAM - STATION NO. 02GC021

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1966	---	---	---	---	---	---	---	---	---	0.557	0.631	1.47	---	1966
1967	1.17	0.933	1.06	1.61	1.20	0.765	0.625	0.537	0.565	0.581	0.705	0.843	0.882	1967
1968	0.924	1.60	1.32	1.10	0.811	0.996	0.734	0.592	0.750	0.686	0.982	1.17	0.977	1968
1969	2.48	1.42	1.04	2.19	1.86	1.11	0.801	0.580	0.569	0.646	0.904	0.959	1.21	1969
1970	0.735	0.873	1.22	1.34	0.882	0.630	0.557	0.440	0.542	0.634	1.03	1.19	0.838	1970
1971	0.796	1.09	1.89	1.33	0.765	0.617	0.446	0.457	0.520	0.560	0.587	0.651	0.808	1971
1972	0.714	0.608	1.96	1.73	1.32	0.819	0.853	0.650	0.649	0.639	0.855	1.35	1.02	1972
1973	0.995	0.854	2.11	1.58	1.08	0.823	0.523	0.527	0.543	0.566	0.745	1.02	0.965	1973
1974	1.45	1.34	2.04	1.61	1.76	0.856	0.618	0.506	0.563	0.635	0.708	0.808	1.07	1974
1975	1.06	1.27	1.79	1.34	0.864	0.939	0.636	0.667	1.09	0.874	1.06	1.42	1.08	1975
1976	1.25	2.92	3.13	1.83	1.61	0.893	0.778	0.751	0.650	0.686	0.698	0.658	1.32	1976
1977	0.615	0.702	2.29	1.90	1.01	0.709	0.613	0.574	1.20	1.25	1.18	2.68	1.23	1977
1978	1.32	0.973	2.43	2.20	1.24	0.756	0.484	0.585	0.649	0.906	0.895	1.01	1.12	1978
1979	1.20	0.982	2.23	2.49	1.24	0.818	0.604	0.646	0.641	0.834	1.20	1.66	1.21	1979
1980	1.28	0.844	1.52	1.93	1.19	1.03	1.18	0.853	1.05	1.09	0.979	1.09	1.17	1980
1981	0.824	2.02	1.23	1.30	0.986	0.793	0.671	0.646	0.807	1.10	0.967	0.903	1.01	1981
1982	1.02	0.789	3.18	2.04	1.01	1.15	0.744	0.662	0.726	0.779	1.48	2.04	1.30	1982
1983	1.35	1.42	1.14	1.52	1.69	0.904	0.674	1.16	0.941	0.840	0.915	1.73	1.19	1983
1984	0.945	2.70	2.06	2.12	1.65	1.30	0.783	0.631	0.808	0.813	0.983	0.994	1.31	1984
1985	0.935	2.06	3.07	2.27	1.10	1.07	0.747	0.548	0.673	0.878	2.40	1.60	1.44	1985
1986	1.22	1.17	2.43	1.68	1.23	1.01	0.786	0.735	0.889	1.77	1.19	2.09	1.35	1986
1987	1.43	0.956	1.35	1.70	0.817	0.666	0.484	0.517	0.587	0.665	0.807	1.33	0.943	1987
1988	0.882	1.10	1.24	1.02	0.774	0.507	0.459	0.491	0.504	0.576	0.822	0.876	0.770	1988
1989	0.986	0.815	0.949	1.27	0.899	0.909	0.437	0.390	0.538	0.668	0.934	0.706	0.790	1989
1990	1.50	1.91	1.76	1.69	1.25	0.869	0.673	0.587	0.716	0.942	1.02	2.18	1.25	1990
MEAN	1.13	1.31	1.86	1.70	1.18	0.872	0.663	0.618	0.715	0.807	0.987	1.30	1.09	MEAN

LOCATION - LAT 42 40 27 N
LONG 080 36 00 W

DRAINAGE AREA, 68.4 km²
REGULATED

VENISON CREEK NEAR WALSINGHAM - STATION NO. 02GC021

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1966	---	---	---	---	1966
1967	4.45 AT 08:00 EST ON APR 06	3.85 ON APR 03	0.490 ON AUG 02	27 800	1967
1968	6.46 AT 19:00 EST ON FEB 02	6.09 ON FEB 02	0.476 ON JUL 29	30 900	1968
1969	11.4 AT 20:54 EST ON JAN 30	9.74 ON JAN 31	0.481 ON AUG 16	38 200	1969
1970	5.01 AT 00:54 EST ON APR 03	3.65 ON APR 03	0.379 ON AUG 11	26 400	1970
1971	4.81 AT 22:28 EST ON FEB 27	4.45 ON FEB 28	0.334 ON AUG 06	25 500	1971
1972	5.49 AT 11:00 EST ON MAR 02	5.32 ON MAR 02	0.561 ON AUG 21	32 100	1972
1973	4.76 AT 11:08 EST ON MAR 15	4.59 ON MAR 15	0.362 ON JUL 18	30 400	1973
1974	4.93 AT 06:20 EST ON MAR 05	4.79 ON MAR 05	0.422 ON AUG 15	33 900	1974
1975	4.70 AT 20:30 EST ON FEB 24	4.19 ON FEB 24	0.357 ON AUG 02	34 100	1975
1976	6.03 AT 17:54 EST ON FEB 19	5.97 ON FEB 19	0.583 ON SEP 09	41 600	1976
1977	5.69 AT 07:29 EST ON DEC 15	5.64 ON DEC 15	0.340 ON JUL 31	38 800	1977
1978	11.0 AT 13:30 EST ON MAR 21	8.41 ON MAR 22	0.320 ON JUL 18	35 500	1978
1979	9.28 AT 20:09 EST ON MAR 04	7.52 ON MAR 05	0.392 ON JUL 27	38 300	1979
1980	11.0 AT 11:58 EST ON JUL 22	6.58 ON JUL 22	0.662 ON AUG 28	37 000	1980
1981	5.47 AT 03:25 EST ON FEB 24	4.83 ON FEB 24	0.410 ON JUL 20	31 900	1981
1982	13.7 AT 05:00 EST ON MAR 14 *	10.9 ON MAR 14	0.593E ON JUL 27	41 100	1982
1983	5.37 AT 18:27 EST ON AUG 11	3.80 ON FEB 03	0.518 ON JUL 20	37 600	1983
1984	12.1 AT 08:30 EST ON FEB 14	11.0 ON FEB 14 *	0.469 ON AUG 01	41 400	1984
1985	11.6 AT 19:55 EST ON FEB 24	9.87 ON FEB 24	0.413A ON AUG 13	45 400	1985
1986	7.98 AT 05:01 EST ON MAR 11	7.03 ON MAR 11	0.495 ON JUL 31	42 700	1986
1987	4.19 AT 09:22 EST ON APR 06	3.96 ON APR 06	0.295A ON JUL 30	29 700	1987
1988	2.93 AT 15:31 EST ON MAR 26	2.80 ON MAR 26	0.269E ON JUL 13	24 300	1988
1989	2.67 AT 22:59 EST ON SEP 22	2.21 ON APR 04	0.239 ON JUL 19 *	24 900	1989
1990	9.37 AT 08:39 EST ON DEC 30	8.90 ON DEC 30	0.390 ON AUG 03	39 600	1990
				34 500	MEAN

A - MANUAL GAUGE
(SEE REFERENCE INDEX)

E - ESTIMATED

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

VERMILION RIVER AT LORNE FALLS - STATION NO. 02CF004

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1918	10.5	11.9	16.7	103	69.9	40.2	44.2	28.9	14.9	34.0	85.0	53.2	42.7	1918
1919	22.5	16.3	29.2	193	159	85.8	28.6	20.2	24.4	51.0	63.1	45.9	61.6	1919
1920	23.4	20.8	54.4	128	79.6	35.7	30.3	22.5	9.06	4.73	8.89	14.2	35.9	1920
1921	17.6	20.7	50.7	150	67.4	40.2	12.6	13.3	13.8	12.5	17.5	42.2	38.2	1921
1922	19.0	22.1	29.2	217	115	51.8	30.6	12.5	15.8	8.61	12.8	16.4	45.8	1922
1923	12.6	19.6	19.2	73.1	174	45.0	20.2	15.5	32.3	17.0	16.7	17.7	38.7	1923
1924	20.6	29.2	22.9	125	96.0	50.7	16.6	9.57	9.60	7.19	21.1	20.2	35.6	1924
1925	17.2	26.4	25.9	106	38.2	44.2	27.5	14.2	7.90	10.5	26.9	27.6	30.9	1925
1926	18.0	25.8	18.2	41.6	109	60.3	52.4	23.6	14.0	12.8	54.9	41.3	39.4	1926
1927	20.0	20.5	90.6	84.7	66.3	66.8	31.4	22.3	18.5	28.3	29.2	44.5	43.7	1927
1928	35.7	21.3	29.7	207	210	71.4	58.0	33.1	47.6	144	108	54.4	85.1	1928
1929	29.7	20.5	45.6	200	113	48.4	28.9	15.5	21.3	22.7	42.8	18.8	50.5	1929
1930	13.1	10.8	22.7	92.0	86.7	127	140	28.9	18.8	23.3	17.5	15.6	49.9	1930
1931	8.92	7.11	8.72	133	100	56.1	14.6	6.74	9.97	30.9	86.7	59.2	43.5	1931
1932	43.6	30.3	37.4	165	80.4	22.3	8.44	8.52	11.0	39.6	87.5	43.6	48.0	1932
1933	45.0	22.5	17.9	187	125	56.9	42.2	22.5	13.34	8.41	15.1	12.6	46.5	1933
1934	11.2	10.5	12.9	146	147	27.4	13.2	8.55	12.8	22.4	97.7	75.9	48.9	1934
1935	25.5	18.7	30.0	115	30.0	24.5	7.42	7.53	12.5	20.7	23.3	26.4	28.4	1935
1936	11.8	10.2	24.7	140	189	48.7	14.4	8.44	9.17	15.7	25.7	14.0	42.7	1936
1937	30.9	19.8	36.5	154	122	23.8	10.6	24.3	38.5	43.6	67.1	51.8	52.0	1937
1938	25.0	21.9	88.3	253	121	42.8	17.1	12.3	11.9	9.57	21.4	27.5	54.3	1938
1939	24.9	16.6	15.7	102	165	121	36.2	17.9	13.8	18.1	28.1	17.7	48.1	1939
1940	10.6	13.1	12.7	61.7	119	115	47.9	22.9	41.6	19.3	44.7	32.3	45.0	1940
1941	24.0	17.2	23.1	174	83.5	27.6	29.7	23.4	16.7	72.2	123	57.2	56.0	1941
1942	35.7	20.8	30.0	208	95.7	41.6	14.4	8.38	11.0	19.2	47.9	23.6	46.2	1942
1943	16.4	20.7	29.7	165	171	131	41.3	15.7	55.5	18.9	36.8	20.6	60.1	1943
1944	13.5	11.8	21.4	102	134	38.5	12.7	8.86	7.67	17.8	20.2	14.4	33.6	1944
1945	9.06	11.1	68.8	122	103	110	18.6	10.4	13.3	37.9	108	34.3	53.8	1945
1946	25.0	19.8	136	115	55.2	60.3	25.0	20.2	10.8	9.15	25.9	43.3	45.6	1946
1947	21.0	16.3	19.3	152	174	191	42.5	11.4	17.8	17.6	18.0	14.8	57.9	1947
1948	11.9	10.3	24.6	151	71.4	23.1	14.8	14.2	6.65	6.34	24.8	34.5	52.5	1948
1949	24.1	26.1	32.6	156	76.7	44.2	36.2	16.7	14.3	6.34	7.36	9.03	37.4	1949
1950	17.6	26.1	32.0	143	158	32.0	13.4	19.5	8.61	6.23	10.1	15.9	40.2	1950
1951	14.2	15.5	24.6	300	86.4	23.4	29.4	19.3	12.9	73.1	99.4	57.8	62.9	1951
1952	29.7	18.8	18.7	172	96.6	31.7	16.8	16.2	14.8	9.71	18.5	40.8	40.3	1952
1953	23.1	31.7	113	210	92.0	27.4	25.0	12.7	11.7	6.80	6.88	17.7	48.1	1953
1954	13.6	14.5	62.5	173	156	77.3	41.6	15.8	14.2	130	63.1	38.4	66.9	1954
1955	22.4	16.2	23.8	159	46.0	21.9	9.13	7.02	8.56	17.8	46.2	26.1	33.6	1955
1956	16.5	11.8	14.1	113	97.8	50.5	25.6	14.6	18.5	32.9	34.8	34.0	38.6	1956
1957	21.8	16.5	37.7	112	94.3	35.1	122	16.0	12.2	13.8	77.5	58.3	51.6	1957
1958	14.6	17.3	23.5	70.6	44.0	15.4	28.0	9.69	12.0	12.0	37.4	22.4	27.0	1958
1959	15.6	11.3	18.8	165	131	27.3	18.9	8.79	14.8	43.4	72.3	42.0	47.5	1959
1960	23.0	17.1	17.5	202	300	56.6	63.0	25.2	16.9	17.9	43.1	31.6	68.0	1960
1961	16.6	12.7	17.6	63.6	67.6	46.5	59.0	30.4	39.4	37.0	44.2	43.7	40.0	1961
1962	24.6	23.9	38.6	111	128	25.3	10.1	6.38	4.76	6.48	8.91	9.36	33.1	1962
1963	7.89	5.88	17.4	152	49.2	29.8	9.42	8.28	7.61	4.86	8.06	15.5	26.3	1963
1964	10.6	11.4	18.5	114	87.3	23.9	10.4	7.42	14.8	33.3	26.1	32.0	32.5	1964
1965	22.4	21.8	30.0	134	114	26.3	13.5	31.6	56.6	74.7	68.0	66.5	55.0	1965
1966	51.1	38.0	63.2	139	69.4	33.0	9.74	10.0	9.14	34.9	78.4	120	54.7	1966
1967	39.2	27.7	29.3	206	159	53.0	22.0	24.0	11.6	23.6	73.1	47.3	59.6	1967
1968	27.8	20.9	32.8	123	46.1	31.9	29.5	21.1	47.7	45.0	27.5	37.8	40.8	1968
1969	30.6	29.5	30.5	161	78.3	37.7	36.5	20.6	9.07	29.7	107	36.1	50.3	1969
1970	16.9	14.9	15.6	116	114	174	45.3	18.5	23.5	54.3	50.3	46.6	57.6	1970
1971	25.4	18.6	37.6	186	121	44.8	12.0	9.46	6.69	11.5	23.5	41.7	44.8	1971
1972	26.7	17.6	15.6	142	208	32.8	19.8	30.2	31.3	38.4	40.3	23.5	52.2	1972
1973	26.1	20.2	93.1	108	109	29.3	28.3	15.1	15.0	16.7	28.9	31.7	45.3	1973
1974	17.4	15.5	21.3	144	98.5	63.4	22.0	12.1	8.37	20.6	75.3	32.3	44.2	1974
1975	29.6	22.9	21.8	123	122	---	18.9	6.95	4.85	6.58	22.4	45.2	---	1975
1976	14.9	10.9	30.6	203	115	29.0	11.5	5.86	8.28	12.8	13.7	11.3	38.7	1976
1977	8.09	7.71	59.2	176	44.3	13.4	9.98	9.66	23.4	66.6	69.3	49.7	44.8	1977
1978	26.6	18.1	15.1	97.7	163	24.8	14.0	13.6	29.3	91.5	34.2	27.6	46.5	1978
1979	21.0	15.5	57.7	249	222	46.7	32.1	21.0	14.0	27.4	71.6	68.2	70.7	1979
1980	40.4	19.4	19.9	191	130	30.5	16.0	13.2	15.7	42.5	32.5	21.4	47.7	1980
1981	11.7	23.7	42.7	204	45.4	28.1	27.7	9.77	20.9	37.0	32.7	23.7	42.1	1981
1982	18.0	13.2	19.7	148	118	24.8	8.71	6.08	16.8	64.6	68.1	76.8	48.6	1982
1983	48.6	24.6	56.7	147	141	107	18.3	9.68	7.85	40.0	36.3	37.9	56.3	1983
1984	19.6	26.4	27.7	108	50.9	63.7	38.6	18.3	21.3	30.7	69.8	56.6	44.1	1984
1985	32.8	21.7	33.9	171	124	24.5	16.6	11.1	5.33	9.50	34.3	28.9	42.8	1985
1986	16.8	9.30	15.9	131	52.9	26.8	13.7	24.9	11.5	29.1	27.7	18.8	31.5	1986
1987	13.4	10.8	24.4	76.9	33.1	29.0	9.95	3.58	2.34	4.95	12.5	---	---	1987
1988	18.3	18.4	21.0	224	95.1	34.7	---	14.2	13.3	47.6	---	58.3	---	1988
1989	31.0	21.9	---	129	94.3	88.8	26.9	10.5	5.98	3.76	13.4	11.1	---	1989
1990	11.7	15.2	57.1	67.4	135	55.1	50.8	11.0	6.55	20.0	53.3	69.9	46.3	1990
MEAN	22.1	18.4	34.4	146	109	50.7	27.8	15.7	16.5	29.3	44.0	36.1	46.4	MEAN

LOCATION - LAT 46 18 55 N LONG 081 31 18 W

DRAINAGE AREA, 4 190 km²

REGULATED

REMARKS - DAILY DISCHARGES PRIOR TO OCT 1953 ARE NOT AVAILABLE. INCLUDES ONAPING LAKE BASIN.

VERMILION RIVER AT LORNE FALLS - STATION NO. 02CF004

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1918	---	---	---	1 350 000	1918
1919	---	---	---	1 940 000	1919
1920	---	---	---	1 140 000	1920
1921	---	---	---	1 200 000	1921
1922	---	---	---	1 440 000	1922
1923	---	---	---	1 220 000	1923
1924	---	---	---	1 120 000	1924
1925	---	---	---	976 000	1925
1926	---	---	---	1 240 000	1926
1927	---	---	---	1 380 000	1927
1928	---	---	---	2 690 000	1928
1929	---	---	---	1 590 000	1929
1930	---	---	---	1 570 000	1930
1931	---	---	---	1 370 000	1931
1932	---	---	---	1 520 000	1932
1933	---	---	---	1 470 000	1933
1934	---	---	---	1 540 000	1934
1935	---	---	---	899 000	1935
1936	---	---	---	1 350 000	1936
1937	---	---	---	1 640 000	1937
1938	---	---	---	1 710 000	1938
1939	---	---	---	1 520 000	1939
1940	---	---	---	1 430 000	1940
1941	---	---	---	1 760 000	1941
1942	---	---	---	1 460 000	1942
1943	---	---	---	1 900 000	1943
1944	---	---	---	1 060 000	1944
1945	---	---	---	1 700 000	1945
1946	---	---	---	1 430 000	1946
1947	---	---	---	1 820 000	1947
1948	---	---	---	1 030 000	1948
1949	---	---	---	1 180 000	1949
1950	---	---	---	1 270 000	1950
1951	---	---	---	1 990 000	1951
1952	---	---	---	1 270 000	1952
1953	---	---	---	1 520 000	1953
1954	---	292 ON OCT 20	3.54 ON SEP 06	2 110 000	1954
1955	---	215 ON APR 15	0 ON AUG 28 *	1 060 000	1955
1956	---	173 ON APR 14	0 ON SEP 02	1 220 000	1956
1957	---	283 ON JUL 05	0 ON SEP 01	1 630 000	1957
1958	---	80.1 ON APR 05	0 ON AUG 24	851 000	1958
1959	---	314 ON APR 20	0 ON AUG 16	1 500 000	1959
1960	---	430 ON MAY 14	1.59 ON AUG 28	2 150 000	1960
1961	---	112 ON APR 20	1.76 ON FEB 05	1 260 000	1961
1962	---	249 ON MAY 09	0 ON JUL 29	1 040 000	1962
1963	---	214 ON APR 07	0 ON JAN 05	828 000	1963
1964	---	221 ON APR 20	0 ON JAN 12	1 030 000	1964
1965	---	240 ON APR 17	5.66 ON AUG 01	1 740 000	1965
1966	---	263 ON APR 27	0 ON AUG 10	1 730 000	1966
1967	---	300 ON APR 22	0 ON JUL 18	1 880 000	1967
1968	---	163 ON APR 06	12.8 ON JUL 20	1 290 000	1968
1969	---	269 ON APR 18	0 ON SEP 09	1 590 000	1969
1970	---	436 ON JUN 05	6.43 ON AUG 23	1 820 000	1970
1971	---	326 ON APR 21	5.66 ON SEP 18	1 410 000	1971
1972	---	419 ON MAY 06	8.41 ON AUG 14	1 650 000	1972
1973	---	199 ON MAR 18	10.2 ON SEP 23	1 430 000	1973
1974	---	253 ON APR 20	3.40 ON SEP 14	1 390 000	1974
1975	---	323 ON APR 26	2.27 ON SEP 01	---	1975
1976	---	258 ON APR 21	2.27 ON SEP 04	1 230 000	1976
1977	---	242 ON APR 04	3.85 ON FEB 20	1 410 000	1977
1978	---	231 ON MAY 17	7.56 ON AUG 22	1 470 000	1978
1979	---	453 ON APR 30 *	10.2 ON SEP 29	2 230 000	1979
1980	---	338 ON APR 13	6.80 ON AUG 30	1 510 000	1980
1981	---	340 ON APR 09	4.90 ON AUG 22	1 330 000	1981
1982	---	272 ON MAY 01	3.96 ON AUG 21	1 530 000	1982
1983	---	305 ON APR 19	4.53 ON SEP 11	1 770 000	1983
1984	---	163 ON APR 22	11.9 ON AUG 20	1 400 000	1984
1985	---	414 ON APR 28	2.55 ON SEP 23	1 350 000	1985
1986	---	203 ON APR 06	2.83 ON SEP 07	993 000	1986
1987	---	116 ON APR 03	1.36 ON SEP 14	---	1987
1988	---	370 ON APR 09	6.80 ON JUL 28	---	1988
1989	---	170 ON JUN 22	0.283 ON OCT 06	---	1989
1990	---	243 ON MAY 24	1.93 ON SEP 03	1 460 000	1990
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		1 460 000	MEAN

VERMILION RIVER BELOW KUSK LAKE - STATION NO. 02CF002

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1919	---	---	---	---	---	---	---	---	---	50.3	70.2	49.8	---	1919
1920	29.4	18.7	54.9	143	100	62.3	38.5	30.1	10.1	7.36	10.1	19.2	43.6	1920
1921	18.6	16.3	53.5	139	74.3	47.8	16.2	14.1	16.8	14.8	20.4	50.8	40.2	1921
1922	20.4	13.7	19.9	248	126	62.3	38.0	13.7	18.8	10.3	15.0	18.3	50.3	1922
1923	16.1	21.4	20.2	55.5	182	64.0	29.5	17.1	37.0	15.8	15.3	17.0	41.1	1923
1924	18.1	33.6	23.6	132	103	55.8	21.4	15.5	12.1	11.8	25.9	22.7	39.5	1924
1925	18.7	27.7	27.9	117	45.3	56.7	33.0	16.4	9.60	11.2	29.5	30.4	35.1	1925
1926	20.9	27.2	18.9	45.5	112	65.3	62.5	23.8	16.8	15.6	66.2	50.4	43.8	1926
1927	24.4	27.8	105	108	83.3	81.6	32.0	23.0	17.8	31.9	35.1	49.0	51.6	1927
1928	34.8	26.0	31.9	236	216	80.1	72.8	37.6	56.5	162	119	59.7	94.5	1928
1929	30.9	21.1	50.7	197	116	49.0	36.2	16.9	---	---	40.7	21.0	---	1929
1930	14.9	14.2	21.1	91.3	93.6	140	167	27.4	19.1	23.0	18.5	15.3	54.0	1930
1931	10.3	8.95	10.7	126	101	53.2	19.8	10.6	13.4	35.5	91.8	65.1	45.6	1931
1932	49.2	39.3	40.4	141	79.8	29.9	15.9	13.0	12.6	43.2	86.9	52.8	50.2	1932
1933	46.8	26.8	22.3	180	116	57.1	52.2	31.1	10.9	---	---	---	---	1933
MEAN	25.2	23.0	35.8	140	111	64.7	45.3	20.7	19.3	33.3	46.0	37.2	49.1	MEAN

LOCATION - LAT 46 20 00 N LONG 081 21 00 W DRAINAGE AREA, 4 070 km² REGULATED

REMARKS - STATION FORMERLY CALLED "VERMILION RIVER AT AHO'S FARM". INCLUDES ONAPING LAKE BASIN.

VERMILION RIVER BELOW KUSK LAKE - STATION NO. 02CF002

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1919	---	---	---	---	1919
1920	---	213 ON APR 03	5.95 ON SEP 23 *	1 380 000	1920
1921	---	214E ON APR 01	8.83 ON JUL 30	1 270 000	1921
1922	---	388 ON APR 15	8.64 ON OCT 14	1 590 000	1922
1923	---	430E ON MAY 01 *	9.00 ON APR 15	1 300 000	1923
1924	---	208 ON APR 11	9.06 ON NOV 05	1 250 000	1924
1925	---	183 ON APR 07	8.13 ON SEP 17	1 110 000	1925
1926	---	185 ON NOV 20	8.21 ON AUG 12	1 380 000	1926
1927	---	221 ON MAR 22	14.0 ON SEP 15	1 630 000	1927
1928	---	337 ON APR 14	16.1 ON SEP 09	2 990 000	1928
1929	---	331 ON APR 12	---	---	1929
1930	---	396 ON JUL 01	11.3 B ON FEB 22	1 700 000	1930
1931	---	203 ON APR 16	8.83 ON AUG 27	1 440 000	1931
1932	---	247 ON APR 14	11.7 ON OCT 01	1 590 000	1932
1933	---	286 ON APR 22	---	---	1933
				1 550 000	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

VERMILION RIVER NEAR CAPREOL - STATION NO. 02CF100

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1970	---	---	---	---	29.1	38.9	11.5	6.12	4.96	10.2	8.29	7.90	---	1970
1971	---	---	---	---	28.7	10.0	3.56	1.89	1.15	2.05	4.02	6.44	---	1971
1972	4.78	3.52	3.61	15.9	35.9	7.33	4.69	7.08	7.20	6.83	8.25	5.38	9.23	1972
1973	4.54	4.38	13.6	21.5	20.9	12.6	7.25	6.14	3.87	4.92	7.16	6.05	9.43	1973
1974	4.60	3.92	3.66	21.3	21.0	11.3	5.59	3.33	2.17	3.82	10.8	6.05	8.12	1974
1975	---	---	---	---	24.9	11.9	5.35	2.25	1.67	2.32	4.58	8.84	---	1975
1976	---	---	---	48.2	26.8	9.05	3.14	1.49	1.86	2.44	---	---	---	1976
1977	---	---	---	---	11.2	3.75	3.07	2.06	3.86	8.21	8.92	7.27	---	1977
MEAN	4.64	3.94	6.96	26.7	24.8	13.1	5.52	3.80	3.34	5.10	7.43	6.85	8.93	MEAN

LOCATION - LAT 46 42 54 N LONG 080 57 01 W DRAINAGE AREA, 635 km² NATURAL FLOW

DATA CONTRIBUTED BY - ONTARIO MINISTRY OF THE ENVIRONMENT

VERMILION RIVER NEAR CAPREOL - STATION NO. 02CF100

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1970	---	---	---	---	1970
1971	53.8E AT 12:00 EST ON APR 24	53.0E ON APR 24	---	---	1971
1972	69.9E AT 13:20 EST ON MAY 04 *	69.4E ON MAY 04 *	3.00 B ON MAR 18	292 000	1972
1973	34.0 AT 23:29 EST ON MAY 09	32.8 ON MAY 10	2.86 ON OCT 01	297 000	1973
1974	47.0 AT 22:20 EST ON APR 30	46.7 ON APR 30	1.47 ON SEP 09	256 000	1974
1975	---	---	1.08 ON SEP 05	---	1975
1976	---	---	0.614 ON SEP 03 *	---	1976
1977	---	---	---	---	1977
				282 000	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

VERMILION RIVER NEAR VAL CARON - STATION NO. 02CF011

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1970	---	---	---	---	---	---	11.2	6.17	5.39	10.4	8.62	9.30	---	1970
1971	4.79	5.01	5.77	26.5	27.0	10.4	5.97	2.43	2.03	---	---	7.50	---	1971
1972	5.42	4.00	4.14	17.4	38.6	9.10	7.33	8.34	9.53	8.26	9.19	6.17	10.5	1972
1973	5.94	5.27	16.3	22.7	22.5	13.3	7.58	6.86	4.09	5.14	7.57	6.82	10.4	1973
1974	4.76	3.87	3.77	22.4	23.0	12.7	6.25	---	---	---	---	---	---	1974
1975	---	---	---	---	26.5	11.6	5.79	2.69	---	---	5.02	10.4	---	1975
1976	---	---	---	34.2	25.7	8.71	3.43	---	---	---	---	---	---	1976
1977	---	---	---	31.5	12.1	4.28	3.52	2.76	4.54	9.09	10.1	8.30	---	1977
1978	6.13	4.21	3.45	---	32.5	8.49	4.25	4.61	5.63	---	7.20	6.82	---	1978
1979	4.52	4.00	6.40	42.6	32.4	10.6	9.72	5.30	3.51	8.28	15.6	13.3	13.0	1979
1980	7.03	3.86	2.18	27.1	29.6	8.36	4.12	3.24	3.68	8.71	6.92	4.07	9.07	1980
1981	3.16	3.72	5.56	35.6	10.9	7.54	6.69	2.78	5.26	7.74	6.62	5.14	8.37	1981
1982	3.67	2.95	3.30	19.5	25.4	5.74	2.91	1.94	6.31	14.9	14.8	14.3	9.68	1982
1983	10.3	4.80	7.42	24.1	32.0	20.0	4.37	2.69	2.45	6.73	5.98	6.54	10.6	1983
1984	3.93	3.82	3.50	23.0	15.3	16.3	9.85	4.13	3.70	5.83	11.5	10.1	9.23	1984
1985	5.99	4.18	4.69	33.8	28.9	8.87	4.84	3.53	2.23	2.59	7.23	5.58	9.37	1985
1986	3.22	2.62	2.92	26.4	17.8	7.26	3.45	3.47	3.41	6.90	6.33	4.75	7.38	1986
1987	3.20	2.95	3.60	15.8	7.93	9.05	2.59	1.29	1.44	2.06	2.56	4.12	4.70	1987
1988	3.64	3.26	3.12	42.2	28.4	9.51	3.73	4.73	3.42	10.1	23.7	13.6	12.4	1988
1989	7.56	5.05	4.44	21.1	26.2	26.0	8.06	3.84	2.75	2.44	3.95	3.90	9.60	1989
1990	3.40	2.97	8.23	17.4	31.3	12.1	8.83	3.25	1.83	4.08	8.41	11.6	9.50	1990
MEAN	5.10	3.91	5.22	26.9	24.7	11.0	5.74	3.90	3.96	7.08	8.96	8.02	9.56	MEAN

LOCATION - LAT 46 41 07 N LONG 081 00 32 W DRAINAGE AREA, 704 km² NATURAL FLOW

REMARKS - DATA PRIOR TO 1980 CONTRIBUTED BY ONT. MINISTRY OF THE ENVIRONMENT.

VERMILION RIVER NEAR VAL CARON - STATION NO. 02CF011

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1970	---	---	---	---	1970
1971	52.1E AT 12:00 EST ON APR 24	48.4E ON APR 24	---	---	1971
1972	75.0E AT 05:49 EST ON MAY 05	74.5E ON MAY 05	3.65 B ON FEB 11	331 000	1972
1973	35.4 AT 14:31 EST ON MAY 10	34.8 ON MAY 10	3.20 ON OCT 02	327 000	1973
1974	---	46.4 ON APR 24	---	---	1974
1975	---	---	---	---	1975
1976	---	50.1 ON APR 30	---	---	1976
1977	---	---	---	---	1977
1978	---	50.4 ON APR 23	---	---	1978
1979	---	---	---	---	1979
1980	---	138 A ON APR 27 *	3.01 ON OCT 02	411 000	1980
1981	64.6 AT 23:41 EST ON APR 05	46.7E ON MAY 10	1.98 B ON MAR 07	287 000	1981
1982	55.1 AT 08:54 EST ON APR 27	62.0 ON APR 06	2.05 ON AUG 29	264 000	1982
1983	62.6 AT 07:20 EST ON APR 16	54.5 ON APR 27	1.65 E ON AUG 21	305 000	1983
1984	40.8 AT 06:12 EST ON APR 18	60.9 ON APR 16	1.78 E ON SEP 14	335 000	1984
1985	141 AT 15:19 EST ON APR 26 *	40.6 ON APR 18	2.89 ON SEP 24	292 000	1985
1986	34.2 AT 10:43 EST ON APR 22	138 ON APR 26	1.97 ON SEP 21	296 000	1986
1987	37.1 AT 21:12 EST ON JUN 02	34.1 ON APR 22	2.30 B ON MAR 08	213 000	1987
1988	67.2 AT 18:04 EST ON APR 15	29.4 ON JUN 03	0.820E ON SEP 07 *	148 000	1988
1989	57.2 AT 01:35 EST ON JUN 19	65.8 ON APR 15	2.76 B ON MAR 20	393 000	1989
1990	67.9 AT 17:02 EST ON MAY 19	55.9 ON JUN 19	2.07 E ON OCT 03	303 000	1990
		66.6 ON MAY 19	1.15 E ON SEP 11	299 000	MEAN
				302 000	

A - MANUAL GAUGE (SEE REFERENCE INDEX) B - ICE CONDITIONS E - ESTIMATED * - EXTREME RECORDED FOR THE PERIOD OF RECORD

VERMILION RIVER NEAR WHITEFISH - STATION NO. 02CF001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1915	---	---	---	---	---	---	42.2	9.55	22.0	61.8	45.0	51.6	---	1915
1916	30.5	26.7	19.7	237	154	82.5	51.9	6.84	5.02	9.69	---	---	---	1916
MEAN	30.5	26.7	19.7	237	154	82.5	47.0	8.20	13.5	35.7	45.0	51.6	---	MEAN

LOCATION - LAT 46 23 40 N LONG 081 16 55 W DRAINAGE AREA, 3 600 km² REGULATED DATA CONTRIBUTED BY - ONTARIO HYDRO

REMARKS - INCLUDES ONAPING LAKE BASIN.

VERMILION RIVER NEAR WHITEFISH - STATION NO. 02CF001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1915	---	---	---	---	1915
1916	---	430 ON APR 25 *	---	---	1916
			---	---	MEAN

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

VEUVE RIVER NEAR VERNER - STATION NO. 02DD012

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1973	---	---	---	---	21.6	5.75	1.79	5.92	0.691	2.28	8.83	10.3	---	1973
1974	2.81	0.881	1.33	36.1	13.8	11.2	1.43	0.737	2.81	12.9	30.8	5.70	10.0	1974
1975	3.49	1.64	1.70	49.1	20.3	5.55	0.748	0.412	0.298	0.906	4.04	13.6	8.47	1975
1976	1.87	1.25	20.2	68.3	23.2	3.26	0.838	0.921	1.41	2.39	4.77	2.42	10.9	1976
1977	1.35	1.18	34.1	40.4	3.57	0.519	1.59	5.70	17.6	19.0	23.6	13.2	13.5	1977
1978	4.15	2.31	1.93	50.6	25.0	1.90	0.974	1.84	14.9	25.5	9.65	6.10	12.1	1978
1979	3.55	2.78	29.4	89.1	18.9	5.73	2.79	2.08	2.73	5.15	21.8	11.0	16.2	1979
1980	9.02	1.97	10.0	68.9	18.4	3.22	2.26	1.82	10.8	18.4	11.8	4.74	13.4	1980
1981	2.65	16.1	17.2	61.0	12.2	8.73	4.21	1.11	8.99	17.6	8.86	5.71	13.6	1981
1982	3.05	2.06	5.98	63.5	9.29	2.12	0.754	0.446	2.71	12.6	21.2	24.2	12.3	1982
1983	7.77	3.18	19.1	40.2	38.5	10.0	1.13	0.844	3.03	13.2	9.82	6.16	12.8	1983
1984	3.43	13.3	9.20	43.4	11.3	17.2	4.30	1.85	8.14	8.45	24.7	12.2	13.0	1984
1985	3.11	2.88	9.20	81.2	11.7	1.74	2.30	0.967	0.845	2.46	10.2	4.38	10.8	1985
1986	2.14	1.29	7.58	43.3	11.9	5.46 R	1.19 R	1.04 R	1.46 R	3.09 R	4.36R	3.10R	7.14 R	1986
1987	2.12	1.51	12.5	26.8	5.36	2.53	0.593	0.359	0.287	1.18	3.48	8.44	5.43	1987
1988	3.31	1.59	5.79	65.2	13.4	1.91	0.399	1.66	1.47	17.5	24.8	6.38	12.0	1988
1989	5.26	3.28	10.5	55.1	14.0	10.5	1.38	0.503	0.478	1.58	3.65	1.38	8.92	1989
1990	2.39	2.57	23.1	25.1	47.1	6.30	2.98	0.851	1.20	25.9	29.1	13.9	15.1	1990
MEAN	3.62	3.63	12.9	53.4	17.7	5.76 R	1.76 R	1.61 R	4.44 R	10.6 R	14.2 R	8.50R	11.5 R	MEAN

LOCATION - LAT 46 24 07 N
LONG 080 06 00 W
DRAINAGE AREA, 741 km²
NATURAL FLOW

R - REVISED SINCE JAN 01 1989

VEUVE RIVER NEAR VERNER - STATION NO. 02DD012

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1973	70.5 AT 04:50 EST ON MAY 10	68.0 ON MAY 10	0.555 ON SEP 19	---	1973
1974	115 B AT 00:10 EST ON APR 17	108 ON NOV 02	0.549 ON AUG 18	316 000	1974
1975	---	148 B ON APR 22	0.289 ON SEP 04	267 000	1975
1976	127 AT 18:34 EST ON APR 01	125 ON APR 02	0.334E ON SEP 07	343 000	1976
1977	129 AT 04:41 EST ON MAR 31	155 ON MAR 31	0.368 ON JUL 24	426 000	1977
1978	118 AT 04:40 EST ON APR 26	117 ON APR 26	0.552 ON AUG 18	381 000	1978
1979	166 AT 19:31 EST ON APR 15	162 ON APR 15	0.507 ON JUL 24	511 000	1979
1980	202 AT 11:10 EST ON APR 10	199 ON APR 10	0.796 ON AUG 08	424 000	1980
1981	182 AT 16:54 EST ON APR 05	178 ON APR 05	0.643 ON AUG 03	428 000	1981
1982	128 AT 01:04 EST ON APR 18	123 ON APR 18	0.411 ON AUG 06	388 000	1982
1983	96.4 AT 22:21 EST ON APR 15	93.2 ON APR 15	0.472 ON JUL 27	403 000	1983
1984	86.0 AT 21:25 EST ON APR 06	83.3 ON APR 06	0.966 ON JUL 30	411 000	1984
1985	241 AT 02:52 EST ON APR 24	233 ON APR 24	0.468 ON SEP 02	342 000	1985
1986	130 AT 16:47 EST ON APR 03	125 ON APR 03	0.496R ON SEP 03	225 000	1986
1987	72.9 AT 19:59 EST ON MAR 30	68.1B ON MAR 30	0.211 ON SEP 17	171 000	1987
1988	155 AT 19:15 EST ON APR 07	153 ON APR 07	0.160 ON AUG 08 *	381 000	1988
1989	---	104 B ON APR 07	0.326 ON AUG 14	281 000	1989
1990	264 AT 03:11 EST ON MAY 19 *	247 ON MAY 19 *	0.220 ON SEP 09	477 000	1990
				363 000	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD
R - REVISED SINCE JAN 01 1989

WABIGOON RIVER AT DRYDEN - STATION NO. 05QD016

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1970	---	---	---	---	---	---	19.0	15.0	12.7	12.0	13.6	14.3	---	1970
1971	15.3	12.8	15.8	28.1	39.0	20.1	20.9	13.0	12.0	36.8	67.6	20.0	25.1	1971
1972	15.6	14.0	13.4	12.7	12.4	16.0	12.8	12.0	9.27	9.43	6.34	6.44	11.7	1972
1973	6.39	6.73	9.95	7.47	3.98	3.48	3.45	4.32	10.1	14.1	13.2	11.7	7.91	1973
1974	12.3	12.7	12.5	24.9	73.5	69.3	12.8	12.4	11.7	12.3	12.2	13.0	23.3	1974
1975	12.7	12.9	12.7	12.4	26.2	10.6	11.1	11.4	8.10	5.52	6.68	6.55	11.4	1975
1976	6.87	6.99	11.8	9.71	10.9	8.20	9.43	6.62	5.70	4.72	3.01	1.42	7.12	1976
1977	1.42	1.42	1.42	1.42	2.19	17.6	17.1	11.4	10.8	10.7	10.9	10.6	8.13	1977
1978	10.7	10.5	10.3	11.3	11.2	39.1	10.4	14.6	11.0	9.93	12.3	11.1	13.5	1978
1979	9.67	8.93	12.4	11.9	38.7	9.86	9.10	7.79	5.98	5.18	6.65	11.4	11.5	1979
1980	12.0	12.0	11.2	9.90	4.13	1.70	1.43	1.98	2.03	1.98	3.22	12.1	6.12	1980
1981	12.2	7.36	6.88	2.27	2.17	6.45	11.7	11.5	4.57	3.30	2.58	1.42	6.04	1981
1982	5.64	7.75	7.78	6.57	8.65	26.8	60.8	13.1	12.1	13.8	13.6	12.5	15.8	1982
1983	12.5	12.5	12.4	12.2	12.0	24.4	12.4	13.1	7.79	2.72	4.00	6.45	11.0	1983
1984	6.39	6.38	8.67	8.07	11.0	32.8	12.4	10.6	7.29	6.08	6.70	6.69	10.2	1984
1985	6.69	6.48	10.3	25.6	94.6	32.2	36.9	25.5	29.8	61.9	17.0	7.66	29.8	1985
1986	5.66R	4.45R	4.25R	9.35R	66.4 R	16.8 R	12.2 R	11.1 R	6.87R	5.24R	3.82R	7.79R	12.9 R	1986
1987	97.3	95.9	101	48.3	31.2	76.7	64.1	47.8	24.4	19.8	19.8	24.4	54.0	1987
1988	2.27	2.27	4.18	8.06	6.75	6.80	9.28	7.28	6.10	6.50	7.06	7.63	6.19	1988
1989	12.1	13.4	14.5	15.9	40.5	26.1	35.9	13.4	8.85	4.82	3.11	3.11	16.1	1989
1990	3.11	3.11	3.11	3.60	5.02	46.5	16.6	6.31	3.86	3.26	2.98	2.97	8.35	1990
MEAN	13.3 R	13.0 R	14.2 R	13.5 R	25.0 R	24.6 R	19.0 R	12.9 R	10.0 R	11.9 R	11.3 R	9.49R	14.8 R	MEAN

LOCATION - LAT 49 49 45 N
LONG 092 52 15 W
DRAINAGE AREA, 2 300 km²
REGULATED

DATA CONTRIBUTED BY - GREAT LAKES FOREST PRODUCTS LIMITED

R - REVISED SINCE JAN 01 1989

WABIGOON RIVER AT DRYDEN - STATION NO. 05QD016

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1970	---	---	---	---	
1971	---	85.5 ON NOV 03	8.50 ON SEP 05	793 000	1970
1972	---	24.9 ON JUN 17	5.41 ON NOV 10	370 000	1971
1973	---	26.3 ON OCT 30	1.44 ON JUN 07	250 000	1972
1974	---	121 ON MAY 03 *	7.93 ON JUL 01	735 000	1973
1975	---	41.9 ON MAY 09	4.53 ON OCT 09	360 000	1974
1976	---	15.0 ON JAN 29	0 ON AUG 23 *	225 000	1975
1977	---	60.2 ON JUN 16	1.42 ON JAN 01	445 000	1976
1978	---	57.8 ON JUN 06	0 ON JUL 04	256 000	1977
1979	---	90.6 ON MAY 12	4.25 ON OCT 16	426 000	1978
1980	---	13.6 ON DEC 02	0.425 ON JUL 05	363 000	1979
1981	---	13.0 ON JAN 29	1.42 ON NOV 08	194 000	1980
1982	---	83.4 ON JUL 15	0.42 ON JAN 01	191 000	1981
1983	---	46.4 ON JUN 20	0.850 ON OCT 19	500 000	1982
1984	---	60.5 ON JUN 14	4.25 ON OCT 15	347 000	1983
1985	---	109 ON MAY 17	0.283 ON FEB 21	324 000	1984
1986	---	114 R ON MAY 06	3.82 R ON NOV 01	939 000	1985
1987	---	104 ON JUN 09	10.3 ON APR 20	408 000	1986
1988	---	11.0 ON JUL 15	2.27 ON JAN 01	1 700 000	1987
1989	---	67.4 ON JUL 07	3.11 ON OCT 31	196 000	1988
1990	---	65.4 ON JUN 20	2.97 ON NOV 02	510 000	1989
				263 000	1990
				468 000	MEAN

* - EXTREME RECORDED FOR THE PERIOD OF RECORD
R - REVISED SINCE JAN 01 1989

WABIGOON RIVER AT WABIGOON FALLS - STATION NO. 05QD001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1914	---	---	---	---	---	---	---	---	---	---	32.0	24.6	---	1914
1915	24.5	23.3	20.1	48.7	72.7	68.8	59.2	32.3	28.9	39.5	---	---	---	1915
1917	---	---	---	---	72.8	44.0	35.8	41.4	31.3	---	---	---	---	1917
MEAN	24.5	23.3	20.1	48.7	72.8	56.4	47.5	36.8	30.1	39.5	32.0	24.6	---	MEAN

LOCATION - LAT 50 15 15 N
LONG 093 55 00 W
DRAINAGE AREA, 8 080 km^2
REGULATED
DATA CONTRIBUTED BY - ONTARIO HYDRO

WABIGOON RIVER AT WABIGOON FALLS - STATION NO. 05QD001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1914	---	---	---	---	
1915	---	79.9 ON MAY 10 *	---	---	1914
1917	---	---	---	---	1915
			---	---	1917
				---	MEAN

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

WABIGOON RIVER BELOW RAILWAY BRIDGE, NEAR QUIBELL - STATION NO. 05QD002

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1914	---	---	---	---	---	---	---	29.7	33.5	32.9	24.3	19.4	---	1914
1915	19.5	19.9	18.3	37.0	62.1	55.3	45.1	24.5	22.9	28.1	---	---	---	1915
1916	---	---	---	---	149	155	81.9	49.8	51.3	52.0	---	---	---	1916
1917	---	---	---	---	63.9	29.8	24.4	28.0	21.8	19.3	---	---	---	1917
1918	---	---	---	---	52.0	47.8	32.0	26.1	18.5	16.8	---	---	---	1918
1919	---	---	---	---	64.0	56.4	107	76.2	54.0	49.3	39.6	---	---	1919
1920	---	---	---	---	96.7	83.2	37.5	26.8	22.3	27.0	21.6	---	---	1920
1921	---	---	---	42.2	33.6	26.7	29.5	31.0	26.9	30.7	19.1	15.8	---	1921
1922	14.3	17.9	16.8	41.6	170	104	36.1	64.6	40.9	35.3	27.6	20.5	50.8	1922
1923	20.6	19.2	19.6	71.5	79.0	28.8	35.0	29.6	31.9	27.3	27.9	18.5	35.8	1923
1924	17.3	17.0	16.3	34.0	56.2	50.2	28.3	24.5	24.1	14.0	12.3	13.8	25.7	1924
1925	---	15.7	14.5	46.4	63.7	75.0	47.8	31.9	27.6	31.4	27.2	25.9	---	1925
1926	23.2	25.2	25.0	35.5	38.6	50.0	62.8	34.9	50.0	87.6	43.7	39.7	43.8	1926
1927	37.5	32.9	50.7	135	255	217	---	74.2	45.9	42.9	31.4	25.5	---	1927
1928	23.5	22.1	23.1	28.0	42.0	57.9	61.6	40.5	35.5	28.7	38.9	32.2	36.2	1928
1929	22.7	22.8	24.8	38.5	41.6	43.5	32.6	24.0	25.2	20.8	14.8	19.6	27.6	1929
1930	20.8	22.0	25.6	29.0	54.3	28.1	22.9	21.7	16.2	16.1	13.2	19.5	24.1	1930
1931	15.2	16.6	12.4	22.7	26.3	29.7	32.5	21.6	13.3	14.8	19.5	13.6	19.9	1931
1932	11.2	8.30	9.67	56.9	61.9	12.7	13.4	15.2	15.5	17.6	10.9	9.88	20.9	1932
1933	9.19	10.3	11.6	57.6	69.4	25.0	17.0	16.9	16.6	24.2	18.5	16.0	25.2	1933
1934	17.6	17.9	15.6	18.8	145	122	83.0	34.9	24.0	24.5	37.8	29.4	47.7	1934
1935	24.2	24.0	44.3	94.3	162	69.8	81.0	75.2	47.2	55.5	29.1	20.3	60.8	1935
1936	19.0	19.2	26.3	47.7	91.3	50.3	23.5	19.0	22.5	21.5	19.4	16.6	31.3	1936
1937	16.7	14.9	20.6	48.7	137	112	84.7	41.6	35.6	30.2	24.7	17.9	48.9	1937
1938	19.7	21.2	25.0	80.5	170	88.3	42.6	23.9	22.2	16.6	17.1	14.9	45.3	1938
1939	17.4	15.6	16.4	21.2	23.9	27.9	34.5	23.3	23.0	25.6	23.6	22.3	22.9	1939
1940	22.4	22.2	19.2	22.6	36.3	26.8	21.0	19.3	18.4	16.3	18.1	16.9	21.6	1940
1941	15.8	11.6	10.7	42.8	28.3	35.0	28.1	23.4	133	230	57.3	36.8	54.6	1941
1942	34.8	35.8	36.5	36.3	47.5	36.7	33.3	29.0	69.6	36.5	31.3	26.6	37.8	1942
1943	29.5	28.3	31.5	67.4	137	178	117	49.2	60.3	31.0	27.1	26.0	65.3	1943
1944	29.3	29.0	27.7	45.6	60.9	83.6	33.5	64.0	44.2	33.9	41.6	33.3	43.9	1944
1945	30.4	28.1	39.6	117	79.3	53.0	40.0	24.8	47.2	39.5	37.0	33.3	47.4	1945
1946	31.3	31.4	65.6	136	93.0	42.9	36.5	25.7	30.1	31.1	35.6	31.4	49.2	1946
1947	31.1	28.1	28.5	72.1	69.7	111	48.5	31.0	32.0	37.4	32.7	29.2	42.4	1947
1948	26.4	26.2	26.2	68.2	79.3	39.2	31.6	26.4	29.9	54.1	23.4	19.6	36.0	1948
1949	22.7	24.1	20.8	55.2	37.9	27.2	21.8	18.8	22.2	29.1	28.7	26.9	27.9	1949
1950	26.1	28.4	26.7	37.5	175	65.4	120	66.5	44.5	64.7	40.7	30.1	60.9	1950
1951	31.2	34.1	36.6	80.2	104	54.9	42.7	33.3	34.5	44.8	35.8	36.2	47.5	1951
1952	26.0	32.4	30.5	45.1	30.7	30.0	89.8	43.9	33.6	25.5	24.5	20.6	36.1	1952
1953	20.5	24.1	22.9	32.2	41.0	73.1	58.5	33.6	53.3	---	---	---	---	1953
MEAN	22.8	22.9	25.4	53.1	82.8	64.4	47.9	35.3	35.9	37.0	28.2	23.6	39.2	MEAN

LOCATION - LAT 49 57 45 N DRAINAGE AREA, 6 450 km²
LONG 093 24 15 W REGULATED

WABIGOON RIVER BELOW RAILWAY BRIDGE, NEAR QUIBELL - STATION NO. 05QD002

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1914	---	---	---	---	1914
1915	---	---	---	---	1915
1916	---	78.7 ON MAY 10	---	---	1916
1917	---	177 ON MAY 31	---	---	1917
1918	---	---	---	---	1918
1919	---	---	---	---	1919
1920	---	129 ON JUL 12	---	---	1920
1921	---	---	---	---	1921
1922	---	---	---	---	1922
1923	---	---	---	---	1923
1924	---	238 ON MAY 21	11.2 B ON JAN 01	1 600 000	1924
		167 ON APR 28	17.4 B ON FEB 17	1 130 000	
		109 ON APR 20	10.1 ON OCT 25	812 000	
1925	---	---	---	---	1925
1926	---	---	---	---	1926
1927	---	131 ON OCT 06	17.3 ON MAR 08	1 380 000	1927
1928	---	---	---	---	1928
1929	---	104 ON JUN 20	20.6 B ON FEB 13	1 140 000	1929
		54.7 ON JUN 04	13.5 ON OCT 28	870 000	
1930	---	71.6 ON MAY 16	8.92 ON SEP 10	762 000	1930
1931	---	42.8 ON JUL 20	6.29 ON SEP 17	626 000	1931
1932	---	116 ON APR 21	2.97 ON SEP 27 *	660 000	1932
1933	---	142 ON APR 25	3.91 ON JAN 18	794 000	1933
1934	---	187 ON MAY 14	4.90 ON SEP 10	1 510 000	1934
1935	---	191 ON MAY 07	9.49 ON DEC 29	1 920 000	1935
1936	---	124 ON MAY 16	8.72 ON DEC 30	991 000	1936
1937	---	197 ON APR 28	7.87B ON FEB 10	1 540 000	1937
1938	---	242 ON MAY 09	7.73 ON DEC 30	1 430 000	1938
1939	---	72.2 ON JUL 14	5.86B ON FEB 24	724 000	1939
1940	---	55.2 ON APR 30	7.50 ON JAN 15	684 000	1940
1941	---	323 ON SEP 25 *	5.86 ON FEB 17	1 720 000	1941
1942	---	84.4 ON SEP 26	16.0 ON DEC 27	1 190 000	1942
1943	---	202 ON JUN 20	7.93 ON DEC 27	2 060 000	1943
1944	---	122 ON JUN 08	17.3 ON APR 03	1 390 000	1944
1945	---	132 ON MAR 31	12.9 ON AUG 16	1 500 000	1945
1946	---	232 B ON MAR 31	13.5 ON AUG 11	1 550 000	1946
1947	---	204 ON JUN 14	10.1 ON SEP 02	1 340 000	1947
1948	---	174 ON APR 27	3.77 ON DEC 28	1 140 000	1948
1949	---	91.2 ON APR 24	3.11 ON JUL 12	881 000	1949
1950	---	234 ON MAY 18	7.31 ON JAN 16	1 920 000	1950
1951	---	161 ON MAY 02	13.3 ON DEC 27	1 500 000	1951
1952	---	120 ON JUL 28	3.60 ON DEC 30	1 140 000	1952
1953	---	114 ON JUN 07	---	---	1953
				1 240 000	MEAN

B - ICE CONDITIONS * - EXTREME RECORDED FOR THE PERIOD OF RECORD

WABIGOON RIVER NEAR DRYDEN - STATION NO. 05QD010

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1970	---	---	---	---	---	---	21.1	17.8	15.8	16.5	17.8	18.8	---	1970
MEAN	---	---	---	---	---	---	21.1	17.8	15.8	16.5	17.8	18.8	---	MEAN

LOCATION - LAT 49 48 50 N LONG 092 52 35 W DRAINAGE AREA, 2 350 km^2 REGULATED

WABIGOON RIVER NEAR DRYDEN - STATION NO. 05QD010

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1970	---	---	---	---	1970
				---	MEAN

WABIGOON RIVER NEAR QUIBELL - STATION NO. 05QD006

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1953	---	---	---	---	---	---	---	---	---	43.4	31.5	29.7	---	1953
1954	29.6	30.8	30.1	82.1	187	115	43.5	31.5	31.2	34.5	38.1	33.4	57.4	1954
1955	31.0	31.5	32.4	84.1	40.3	95.0	39.1	30.1	26.5	34.8	38.6	31.7	42.8	1955
1956	31.5	33.1	30.1	68.5	155	102	50.5	38.3	33.9	30.2	23.9	25.0	52.2	1956
1957	28.0	33.6	34.6	54.0	67.9	78.7	55.5	35.0	28.2	30.7	29.1	26.8	41.8	1957
1958	30.5	30.3	30.4	37.6	36.2	33.8	42.6	32.5	29.0	31.0	29.3	24.4	32.3	1958
1959	27.9	30.9	29.9	45.5	59.8	65.2	58.7	35.8	35.1	32.2	28.0	30.6	40.0	1959
1960	33.3	33.0	33.3	63.1	48.1	44.2	36.5	34.3	30.9	26.8	26.2	23.8	36.1	1960
1961	26.6	25.9	28.1	64.4	48.1	36.1	29.2	26.4	24.0	21.8	22.8	19.8	31.1	1961
1962	20.0	23.1	24.8	39.3	52.6	47.6	58.1	88.5	64.5	34.8	33.8	37.5	43.8	1962
1963	33.3	33.2	33.8	51.2	54.6	146	54.3	84.3	40.5	32.8	33.4	32.2	52.5	1963
1964	32.8	33.0	32.4	63.9	89.7	62.1	48.3	40.8	81.4	111	41.0	35.9	56.0	1964
1965	36.0	35.9	36.0	61.2	73.3	108	80.9	36.0	28.4	50.0	42.3	38.9	52.2	1965
1966	40.5	48.4	48.3	91.5	192	92.7	79.9	30.9	24.8	25.1	26.8	26.7	60.8	1966
1967	27.4	28.2	27.6	69.0	55.5	40.0	37.5	40.5	26.8	23.7	23.7	23.7	35.3	1967
1968	26.1	28.5	31.2	58.9	38.3	92.6	59.6	40.8	52.8	65.0	44.1	34.6	47.7	1968
1969	36.3	40.4	40.4	74.3	84.4	94.6	53.5	109	50.3	86.7	41.3	37.9	62.6	1969
1970	36.7	38.3	39.9	59.6	235	145	45.1	35.7	47.2	56.1	61.5	43.2	70.4	1970
1971	41.3	35.5	40.3	103	100	89.2	65.5	39.5	41.0	101	114	75.2	70.6	1971
1972	50.0	43.1	41.2	63.1	62.2	48.6	41.5	37.6	41.1	40.3	35.3	28.1	44.3	1972
1973	27.3	27.2	31.1	47.5	34.0	24.9	29.7	35.6	40.6	50.9	43.8	38.8	36.0	1973
1974	36.7	36.0	35.1	84.4	185	198	45.4	40.7	45.4	48.3	40.0	37.1	69.3	1974
1975	37.2	37.5	37.1	63.9	88.4	59.2	39.4	36.3	33.2	30.5	32.3	28.2	43.6	1975
1976	27.9	28.4	33.7	80.8	43.7	32.1	28.9	18.1	11.3	19.5	19.1	16.1	29.9	1976
1977	15.4	15.3	17.8	30.0	33.8	55.6	43.8	31.1	25.0	30.7	27.0	29.9	29.6	1977
1978	28.0	33.7	32.3	56.1	77.5	85.8	41.4	41.9	36.8	35.4	35.7	31.8	44.7	1978
1979	30.4	28.6	34.1	72.0	92.6	41.9	34.4	31.1	27.4	22.2	34.3	34.3	40.3	1979
1980	33.0	32.7	31.1	52.1	26.6	7.76	7.48	6.79	6.43	9.66	16.3	24.7	21.1	1980
1981	25.0	24.6	20.8	15.6	10.1	26.6	43.7	19.9	16.3	18.5	20.9	18.1	21.5	1981
1982	22.8	21.8	28.4	51.5	53.7	74.5	146	59.4	35.4	48.1	40.4	37.4	52.3	1982
1983	35.3	35.1	34.3	46.5	47.6	56.6	37.2	31.7	13.1	7.32	18.6	20.0	31.9	1983
1984	19.6	18.8	19.3	32.6	44.0	51.8	20.2	16.7	12.1	15.3	29.0	27.8	25.6	1984
1985	27.5	27.1	30.0	77.8	182	109	72.2	45.6	57.2	113	54.6	38.5	69.8	1985
1986	35.3	33.4	31.7	70.8	160	40.0	35.1	31.6	27.1	25.2	17.8	23.3	44.6	1986
1987	22.5	22.3	24.4	29.2	17.9	23.0	17.1	17.9	12.5	11.5	11.7	11.7	18.4	1987
1988	11.6	11.8	14.2	38.8	25.7	20.9	28.3	19.6	16.2	16.0	18.1	17.9	19.9	1988
1989	21.0	23.0	23.8	46.9	82.0	61.5	65.1	30.1	22.0	16.8	14.6	11.0	35.1	1989
1990	9.97	9.92	13.3	18.5	18.0	90.9	43.6	22.9	14.9	14.7	15.5	13.7	23.8	1990
MEAN	29.3	29.9	30.7	58.1	78.4	70.3	47.5	37.4	32.2	38.0	33.0	29.4	42.9	MEAN

LOCATION - LAT 49 57 20 N
LONG 093 23 50 W

DRAINAGE AREA, 6 370 km²
REGULATED SINCE 1914

REMARKS - ANGULAR FLOW COEFFICIENT OF 0.88 APPLIED TO BRIDGE MEASUREMENTS.

WABIGOON RIVER NEAR QUIBELL - STATION NO. 05QD006

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1953	---	---	---	---	1953
1954	---	236 ON MAY 16	11.4 ON SEP 07	1 810 000	1954
1955	---	135 ON APR 14	13.9 ON JAN 03	1 350 000	1955
1956	---	214 ON MAY 26	6.29 ON DEC 29	1 650 000	1956
1957	---	104 E ON MAY 01	8.78E ON JAN 01	1 320 000	1957
1958	68.2 AT 20:00 CST ON JUL 19	66.8 ON JUL 19	12.3 E ON JAN 01	1 020 000	1958
1959	88.1 AT 09:00 CST ON JUL 10	87.8 ON JUL 10	12.0 A ON JAN 02	1 260 000	1959
1960	---	130 A ON APR 24	12.1 ON OCT 18	1 140 000	1960
1961	---	101 A ON APR 23	9.63 ON DEC 25	980 000	1961
1962	155 AT 01:30 CST ON AUG 28	154 ON AUG 27	9.46 ON JAN 01	1 380 000	1962
1963	202 AT 10:40 CST ON JUN 19	202 ON JUN 19	25.8 ON DEC 27	1 650 000	1963
1964	182 AT 16:00 CST ON OCT 09	181 ON OCT 09	28.6 ON DEC 25	1 770 000	1964
1965	---	170 ON JUN 11	21.5 ON SEP 14	1 650 000	1965
1966	224 AT 12:15 CST ON MAY 24	223 ON MAY 24	19.9 ON SEP 28	1 920 000	1966
1967	104 AT 03:00 CST ON APR 24	104 ON APR 24	16.9 ON DEC 27	1 110 000	1967
1968	130 AT 10:30 CST ON JUN 15	130 ON JUN 15	13.0 ON JAN 02	1 540 000	1968
1969	157 AT 15:45 CST ON AUG 17	156 ON AUG 17	33.4 ON DEC 26	1 970 000	1969
1970	271 AT 00:01 CST ON MAY 06	270 ON MAY 04	32.6 ON AUG 29	2 220 000	1970
1971	176 AT 05:00 CST ON APR 20	175 ON APR 20	34.5 ON FEB 23	2 230 000	1971
1972	105 AT 20:49 CST ON APR 23	104 ON APR 23	26.8 ON DEC 28	1 400 000	1972
1973	79.3 AT 06:09 CST ON APR 23	78.2 ON APR 23	21.3 ON JUL 06	1 130 000	1973
1974	276 AT 05:57 CST ON JUN 11 *	275 ON JUN 11 *	32.3 ON MAR 22	2 190 000	1974
1975	144 AT 06:12 CST ON APR 29	143 ON APR 28	26.4 ON SEP 05	1 380 000	1975
1976	141 AT 04:18 CST ON APR 19	140 ON APR 19	2.27E ON AUG 25 *	946 000	1976
1977	102 AT 09:21 CST ON JUN 21	101 ON JUN 21	14.9 B ON JAN 14	933 000	1977
1978	---	155 E ON APR 29	25.7 ON JUL 12	1 410 000	1978
1979	151 AT 05:10 CST ON APR 27	151 ON APR 27	15.1 ON SEP 06	1 270 000	1979
1980	88.9 AT 22:00 CST ON APR 22	88.6 ON APR 22	4.93 ON JUL 13	669 000	1980
1981	110 AT 01:37 CST ON JUL 01	107 ON JUL 01	6.78 ON MAY 21	677 000	1981
1982	174 AT 15:30 CST ON JUL 08	172 ON JUL 09	16.7 ON JAN 02	1 650 000	1982
1983	74.1 AT 11:13 CST ON JUN 19	73.8 ON JUN 19	5.90 ON OCT 21	1 010 000	1983
1984	86.5 AT 17:39 CST ON JUN 16	86.3 ON JUN 17	9.83 ON OCT 12	809 000	1984
1985	227 AT 17:41 CST ON MAY 18	225 ON MAY 19	21.5 ON FEB 23	2 200 000	1985
1986	200 AT 15:56 CST ON MAY 12	199 ON MAY 11	16.7 ON NOV 07	1 410 000	1986
1987	40.0 AT 16:15 CST ON APR 11	39.6 ON APR 11	11.1 ON OCT 18	579 000	1987
1988	66.6 AT 15:25 CST ON APR 14	66.2 ON APR 14	11.0 ON JAN 13	629 000	1988
1989	136 AT 10:50 CST ON APR 28	135 ON APR 28	8.95 ON NOV 14	1 110 000	1989
1990	126 AT 17:00 CST ON JUN 23	126 ON JUN 23	6.90 ON MAR 13	751 000	1990
				1 350 000	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX)
B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

WANAPETEI RIVER NEAR STINSON - STATION NO. 02DB006

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1974	---	---	44.9	27.9	53.1	56.1	28.7	12.0	12.8	24.3	41.9	36.9	---	1974
1975	35.2	39.7	36.5	34.5	26.1	51.7	23.5	10.2	10.2	8.63	18.6	23.3	26.4	1975
1976	28.0	36.6	41.8	44.0	80.1	34.5	12.3	6.63	10.0	22.2	16.3	24.7	29.8	1976
1977	24.6	21.7	42.0	35.5	42.8	10.1	16.4	14.4	22.7	35.5	42.5	43.1	29.3	1977
1978	39.2	37.4	45.7	16.4	15.1	31.3	13.2	12.8	14.0	49.6	45.1	35.1	29.5	1978
1979	36.9	32.9	35.2	46.1	143	51.8	31.0	20.4	18.2	25.9	37.7	58.7	45.0	1979
1980	44.9	51.2	44.4	21.4	69.9	24.9	21.7	16.0	---	---	---	---	---	1980
MEAN	34.8	36.6	41.5	32.2	61.4	37.2	21.0	13.2	14.7	27.7	33.7	37.0	32.0	MEAN

LOCATION - LAT 46 31 15 N LONG 080 42 41 W DRAINAGE AREA, 2 750 km² REGULATED SINCE 1925

REMARKS - STATION FORMERLY CALLED "WANAPITEI RIVER BELOW STINSON GENERATING STATION"

WANAPETEI RIVER NEAR STINSON - STATION NO. 02DB006

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1974	79.9 AT 14:06 EST ON MAY 17	76.2 ON MAY 18	7.82 ON AUG 02	---	1974
1975	83.5 AT 15:06 EST ON JUN 10	80.7 ON JUN 11	0.765E ON AUG 22 *	831 000	1975
1976	---	94.3 ON MAY 03	0.991E ON JUL 29	941 000	1976
1977	104 AT 12:43 EST ON APR 28	98.0 ON MAY 02	1.05 ON APR 11	926 000	1977
1978	54.9 AT 22:06 EST ON MAR 24	54.7 ON MAR 24	3.06 ON MAY 03	932 000	1978
1979	285 AT 11:05 EST ON APR 30 *	276 ON APR 30 *	12.5 ON APR 11	1 420 000	1979
1980	106 AT 15:43 EST ON MAY 18	105 ON MAY 14	6.21 ON AUG 12	---	1980
	E - ESTIMATED	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		1 010 000	MEAN

WANAPITEI RIVER AT MCVITTIES - STATION NO. 02DB002

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1916	---	---	---	---	---	---	---	---	---	22.6	---	33.8	---	1916
1917	18.8	16.2	---	49.5	---	---	---	---	31.5	---	---	---	---	1917
1919	---	---	---	---	---	---	---	---	---	44.8	42.7	43.4	---	1919
1920	33.2	26.2	40.9	54.9	86.4	67.8	60.6	37.4	23.3	18.7	23.6	19.6	41.1	1920
1921	13.6	12.1	27.2	37.4	40.9	29.6	26.4	31.2	24.2	17.0	21.8	27.4	25.8	1921
1922	18.7	19.5	20.5	93.9	103	36.5	47.7	30.6	20.4	15.8	15.4	---	---	1922
1923	---	---	---	51.0	47.7	58.2	---	---	---	---	---	---	---	1923
MEAN	21.1	18.5	29.5	57.3	69.5	48.0	44.9	33.1	24.9	23.8	25.9	31.0	33.5	MEAN

LOCATION - LAT 46 19 00 N LONG 080 50 15 W DRAINAGE AREA, 3 240 km² REGULATED DATA CONTRIBUTED BY - ONTARIO HYDRO

WANAPITEI RIVER AT MCVITTIES - STATION NO. 02DB002

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1916	---	---	---	---	1916
1917	---	---	---	---	1917
1919	---	---	---	---	1919
1920	---	---	---	---	1920
1921	---	97.4 ON APR 30	13.5 ON DEC 13	1 300 000	1921
1922	---	82.4 ON MAR 28	10.4B ON MAR 06 *	814 000	1922
1923	---	122 ON APR 10 *	---	---	1923
	B - ICE CONDITIONS	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		1 060 000	MEAN

WANAPITEI RIVER AT OUTLET OF WANAPITEI LAKE - STATION NO. 02DA001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1939	---	---	---	---	---	---	27.7	24.3	25.2	22.1	21.4	24.0	---	1939
1940	29.1	31.4	28.1	17.6	6.34	17.4	30.0	19.7	25.5	17.8	21.4	34.0	23.2	1940
1941	33.9	44.4	43.0	31.9	45.9	28.9	50.2	30.7	22.8	59.2	71.6	48.9	42.6	1941
1942	42.6	42.9	28.7	37.6	54.7	29.8	29.1	34.2	31.3	28.8	19.1	24.9	33.6	1942
1943	25.6	21.3	20.2	17.9	18.3	72.7	33.9	26.7	22.2	28.9	26.1	31.7	28.8	1943
1944	29.9	29.9	25.2	14.4	15.0	30.2	26.2	28.7	28.2	23.3	27.7	31.9	25.9	1944
1945	31.8	29.1	16.0	15.6	16.6	69.0	29.5	31.5	27.5	17.5	27.6	28.9	28.3	1945
1946	25.9	34.2	49.1	27.5	30.7	35.9	29.6	30.7	33.3	35.1	28.4	21.5	31.4	1946
1947	28.4	27.9	29.4	15.2	95.2	123	33.5	32.2	30.7	35.4	26.4	30.3	41.8	1947
1948	26.8	21.7	25.2	9.80	15.6	41.5	19.7	21.4	25.4	23.7	11.6	21.6	20.4	1948
1949	25.9	27.8	29.3	8.89	18.0	30.7	29.9	30.3	30.2	34.4	33.1	28.1	28.9	1949
1950	24.2	29.3	31.3	18.7	9.12	9.97	10.9	13.0	25.4	25.6	25.8	28.1	20.9	1950
1951	35.5	34.0	36.5	15.6	44.4	33.1	29.1	17.2	23.2	52.9	48.5	41.1	34.3	1951
1952	45.6	45.5	54.6	38.3	23.8	30.4	---	---	---	28.2	21.2	28.1	---	1952
1953	42.9	46.6	42.6	30.9	31.1	36.3	28.8	25.2	27.6	27.7	27.5	25.6	32.6	1953
1954	31.2	37.8	40.5	28.5	15.3	59.0	31.0	24.3	33.4	60.0	45.8	45.2	37.6	1954
1955	44.0	46.2	53.5	33.4	17.1	16.4	14.1	12.1	9.63	---	---	---	---	1955
1956	---	---	---	---	---	---	---	---	---	27.9	35.0	33.3	---	1956
1957	34.8	34.9	40.3	24.3	19.3	15.1	81.4	20.4	28.5	---	---	---	---	1957
MEAN	32.7	34.4	34.7	22.4	28.0	40.0	31.4	24.9	26.5	32.2	30.5	31.0	30.7	MEAN

LOCATION - LAT 46 39 51 N DRAINAGE AREA, 2 540 km²
LONG 080 40 24 W REGULATED

WANAPITEI RIVER AT OUTLET OF WANAPITEI LAKE - STATION NO. 02DA001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1939	---	---	---	---	1939
1940	---	74.5 ON JUL 03	3.06 ON JUN 13	733 000	1940
1941	---	103 ON JUL 20	2.38 ON APR 15 *	1 340 000	1941
1942	---	82.1 ON MAY 18	5.86 ON NOV 20	1 060 000	1942
1943	---	131 ON JUN 19	9.00 ON MAY 08	908 000	1943
1944	---	84.7 ON JUN 18	2.83 ON APR 14	818 000	1944
1945	---	135 ON JUN 03	5.15 ON MAR 28	893 000	1945
1946	---	56.4 ON MAY 31	12.5 ON DEC 12	990 000	1946
1947	---	180 ON JUN 21 *	3.11 ON APR 13	1 320 000	1947
1948	---	34.3 ON JUN 16	3.68 ON APR 09	644 000	1948
1949	---	104 ON JUN 28	2.72 ON APR 22	910 000	1949
1950	---	39.6 ON MAR 04	3.11 ON APR 20	659 000	1950
1951	---	101 ON OCT 30	5.10 ON APR 09	1 080 000	1951
1952	---	---	---	---	1952
1953	---	52.7E ON MAR 06	21.4 E ON MAY 06	1 030 000	1953
1954	---	106 E ON OCT 24	10.9 E ON MAY 12	1 190 000	1954
1955	---	---	---	---	1955
1956	---	---	---	---	1956
1957	---	---	---	---	1957
	E - ESTIMATED	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		970 000	MEAN

WANAPITEI RIVER NEAR CONISTON - STATION NO. 02DB003

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1922	---	---	---	---	---	---	---	---	---	17.7	16.8	21.9	---	1922
1923	26.0	30.1	24.7	52.2	49.8	58.6	47.3	33.5	46.3	35.9	20.9	18.7	37.0	1923
1924	22.1	24.5	24.0	46.5	30.6	33.2	47.0	27.0	20.9	18.9	24.4	23.0	28.5	1924
1925	25.1	25.5	27.5	43.6	39.8	49.4	45.3	18.5	16.4	19.2	24.6	22.5	29.8	1925
1926	21.8	20.1	18.8	48.9	40.5	37.9	53.0	45.5	25.6	21.7	31.2	28.9	34.6	1926
1927	26.2	28.4	49.4	68.7	86.6	50.8	25.4	19.9	20.2	22.3	23.9	24.1	37.2	1927
1928	24.0	28.3	57.3	102	164	81.2	32.4	35.9	50.4	104	104	45.8	70.9	1928
1929	36.1	37.0	39.5	80.0	107	73.8	73.1	36.8	29.2	28.6	27.4	25.8	49.6	1929
1930	26.7	28.1	31.9	41.8	34.7	90.8	127	36.0	29.7	29.5	25.3	23.8	43.9	1930
1931	25.6	24.2	22.1	43.0	58.1	28.0	25.6	25.4	25.1	27.2	38.9	42.0	32.2	1931
1932	38.1	60.5	53.7	60.0	28.9	23.0	24.4	15.5	16.3	27.5	79.2	52.4	40.0	1932
1933	41.3	32.0	28.3	67.6	67.0	71.1	52.7	54.6	27.3	30.3	28.6	26.6	44.0	1933
1934	30.0	32.0	30.3	49.7	31.7	29.4	26.8	26.3	27.1	28.2	36.5	27.9	31.3	1934
1935	31.1	35.1	30.9	36.2	26.7	29.9	41.2	26.8	28.6	28.9	30.8	29.6	31.2	1935
1936	30.7	29.8	36.7	45.3	73.1	33.4	31.2	34.0	37.1	33.2	30.5	30.8	37.2	1936
1937	32.0	34.6	29.9	48.5	39.3	29.1	33.4	32.1	39.7	35.4	34.7	27.2	34.6	1937
1938	30.8	43.3	74.9	111	107	76.4	32.3	28.5	25.1	26.8	35.1	27.7	51.5	1938
1939	24.0	22.7	23.1	45.7	29.8	84.6	32.3	29.4	29.8	31.7	30.6	28.3	34.3	1939
1940	31.4	32.4	28.7	31.1	26.7	28.0	36.1	26.1	36.7	22.4	32.3	37.8	30.8	1940
1941	36.5	44.5	43.5	60.2	52.7	32.1	60.2	34.5	29.3	71.0	84.9	55.2	50.5	1941
1942	43.6	44.6	36.4	67.9	61.9	45.4	32.8	37.7	37.3	34.2	30.6	26.3	40.7	1942
1943	26.7	22.7	24.1	51.0	30.7	88.7	40.4	32.2	33.1	33.5	34.2	33.1	37.5	1943
1944	31.5	31.0	27.5	39.3	26.1	35.6	30.8	32.2	34.8	31.5	33.9	34.4	32.3	1944
1945	32.2	30.0	37.3	26.6	31.1	78.0	34.4	35.6	37.3	29.1	41.8	31.6	37.0	1945
1946	30.6	36.0	75.5	31.9	40.7	41.8	34.2	33.2	38.0	40.0	38.0	29.3	39.3	1946
1947	28.0	28.9	29.9	51.3	110	146	41.0	36.6	40.6	41.5	30.5	31.2	51.3	1947
1948	27.4	23.7	36.1	34.7	25.1	27.0	24.5	25.4	28.4	29.0	29.3	26.5	28.1	1948
1949	28.8	29.6	40.1	35.8	26.3	61.0	35.4	33.8	35.5	40.4	37.7	31.4	36.3	1949
1950	29.5	31.3	41.1	42.9	20.6	14.2	13.7	18.3	30.4	31.8	33.4	31.8	28.2	1950
1951	37.3	34.7	47.9	69.8	53.0	41.3	36.4	21.3	29.5	79.9	65.5	48.3	47.2	1951
1952	47.9	48.7	---	---	---	---	---	---	---	---	---	---	---	1952
MEAN	30.8	32.5	37.6	52.9	52.4	52.1	41.0	30.8	31.3	35.0	37.8	31.5	38.9	MEAN

LOCATION - LAT 46 28 20 N LONG 080 49 10 W DRAINAGE AREA, 2 820 km² REGULATED

WANAPITEI RIVER NEAR CONISTON - STATION NO. 02DB003

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1922	---	---	---	---	1922
1923	---	---	---	---	1923
1924	---	144 ON APR 24	16.6B ON DEC 16	1 170 000	1924
		101 ON APR 07	16.4 ON OCT 26	901 000	
1925	---	78.2 ON JUN 18	14.0 ON JUL 26	939 000	1925
1926	---	125 ON NOV 16	17.8 ON OCT 31	1 090 000	1926
1927	---	104 ON MAY 11	17.1 ON AUG 28	1 170 000	1927
1928	---	222 ON MAY 16 *	22.1RB ON JAN 08	2 240 000	1928
1929	---	150 ON APR 07	22.8 ON OCT 06	1 560 000	1929
1930	---	212 E ON JUL 02	22.1B ON DEC 28	1 380 000	1930
1931	---	117 ON MAY 21	21.7 ON OCT 04	1 010 000	1931
1932	---	117 ON NOV 13	22.4 ON AUG 28	1 260 000	1932
1933	---	120 ON JUN 17	23.2 ON OCT 08	1 390 000	1933
1934	---	87.5 ON NOV 23	17.6 ON SEP 05	986 000	1934
1935	---	161 ON JUL 07	21.0 ON JUL 28	984 000	1935
1936	---	139 ON MAY 20	21.1 ON OCT 24	1 180 000	1936
1937	---	123 ON SEP 12	21.6B ON DEC 19	1 090 000	1937
1938	---	171 ON APR 30	21.5 ON SEP 25	1 620 000	1938
1939	---	104 ON JUN 18	18.7RB ON MAR 26	1 080 000	1939
1940	---	78.7 ON JUL 03	14.0 ON JUN 19	974 000	1940
1941	---	154 ON JUL 20	19.8 ON JUN 13	1 590 000	1941
1942	---	117 ON APR 06	22.5RB ON DEC 11	1 280 000	1942
1943	---	167 ON JUN 16	17.3RB ON MAR 15	1 180 000	1943
1944	---	95.1 ON JUN 19	18.0 ON JUN 04	1 020 000	1944
1945	---	157 ON JUN 04	16.4 ON MAY 07	1 170 000	1945
1946	---	116 ON MAR 15	20.2RB ON DEC 26	1 240 000	1946
1947	---	209 ON JUN 16	22.5RB ON NOV 23	1 620 000	1947
1948	---	73.3RB ON MAR 24	16.8 ON JUL 04	888 000	1948
1949	---	129 ON JUN 29	16.1 ON MAY 15	1 140 000	1949
1950	---	77.0B ON MAR 28	10.2 ON JUN 21 *	889 000	1950
1951	---	141 ON APR 09	15.2 ON AUG 22	1 490 000	1951
1952	---	---	---	---	1952
				1 230 000	MEAN

B - ICE CONDITIONS * - EXTREME RECORDED FOR THE PERIOD OF RECORD
E - ESTIMATED R - REVISED SINCE JAN 01 1989

WANAPITEI RIVER NEAR WANAPITEI - STATION NO. 02DB001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1915	---	---	---	---	---	---	---	17.6	21.2	20.8	20.6	20.1	---	1915
1916	20.0	18.2	18.4	37.1	131	55.4	50.6	27.7	13.5	---	---	---	---	1916
MEAN	20.0	18.2	18.4	37.1	131	55.4	50.6	22.6	17.4	20.8	20.6	20.1	---	MEAN

LOCATION - LAT 46 31 20 N LONG 080 42 35 W DRAINAGE AREA, 2 770 km² NATURAL FLOW DATA CONTRIBUTED BY - ONTARIO HYDRO

WANAPITEI RIVER NEAR WANAPITEI - STATION NO. 02DB001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1915	---	---	---	---	1915
1916	---	---	---	---	1916
				---	MEAN

WANAPITEI RIVER NEAR WANUP - STATION NO. 02DB005

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1952	---	---	---	81.4	31.4	35.5	28.1	28.9	27.0	26.2	30.4	33.2	---	1952
1953	40.2	47.3	73.0	39.8	36.1	36.9	30.3	24.9	27.2	26.9	27.6	28.6	36.5	1953
1954	31.1	39.8	55.9	50.7	29.6	74.4	34.6	25.1	37.2	90.6	54.2	45.4	47.4	1954
1955	45.2	46.9	54.8	61.9	21.8	16.2	15.6	14.3	12.3	22.7	22.8	29.0	30.2	1955
1956	40.9	43.7	44.7	42.8	15.1	12.9	19.4	15.8	27.3	39.7	42.0	37.2	31.7	1956
1957	38.1	39.0	50.8	38.2	26.0	21.9	101	21.4	31.3	37.8	50.7	45.0	41.8	1957
1958	37.8	38.1	41.5	30.3	18.9	11.4	13.1	10.9	11.5	15.4	26.2	29.5	23.6	1958
1959	26.3	32.0	38.8	56.6	32.9	27.2	23.3	16.1	20.8	43.4	45.0	39.5	33.5	1959
1960	37.5	40.8	49.6	68.5	189	61.4	45.4	26.9	29.7	32.5	35.9	31.1	54.2	1960
1961	37.3	35.2	33.7	32.9	14.7	36.5	42.8	24.5	36.8	36.0	40.7	38.2	34.1	1961
1962	36.2	39.7	59.4	51.1	36.3	29.5	22.9	19.3	21.4	23.0	20.2	14.2	31.0	1962
1963	30.6	34.8	45.0	30.5	8.96	13.1	14.8	16.1	26.3	26.6	23.0	28.1	24.7	1963
1964	20.2	19.6	35.8	49.0	21.8	22.1	19.3	12.0	25.6	31.2	38.4	39.4	27.8	1964
1965	35.7	38.0	33.3	46.9	11.5	11.0	11.7	24.2	55.4	49.2	65.7	61.4	36.9	1965
1966	58.3	54.9	42.2	33.5	43.3	50.7	21.2	20.1	26.2	39.4	60.4	70.7	43.3	1966
1967	45.1	51.9	92.2	83.5	73.5	69.1	31.9	29.9	26.8	27.6	39.9	52.1	51.9	1967
1968	44.5	36.0	41.4	21.9	15.3	36.1	31.4	25.0	26.2	30.4	32.2	34.8	31.2	1968
1969	34.3	33.9	56.0	52.2	32.5	46.5	37.2	23.2	21.3	34.3	65.4	40.4	39.7	1969
1970	35.1	36.3	54.7	49.9	39.3	107	47.7	33.9	39.2	39.2	36.9	33.7	46.0	1970
1971	34.9	38.3	50.0	86.9	40.7	46.3	22.0	13.9	10.6	12.1	17.9	32.8	33.7	1971
1972	29.9	35.6	42.1	87.4	59.2	23.2	23.0	36.2	52.6	34.7	31.8	29.7	40.4	1972
1973	31.5	33.4	71.9	35.8	81.9	45.4	33.8	27.1	22.6	29.0	37.8	44.2	41.3	1973
1974	42.0	38.3	47.8	55.8	54.1	59.0	29.1	11.8	14.3	30.4	51.9	37.3	39.2	1974
1975	35.6	38.0	37.8	63.6	30.1	49.9	23.6	10.5	10.4	10.3	22.7	28.0	29.9	1975
1976	27.3	36.7	52.6	67.6	81.8	35.3	16.3	10.2	13.3	25.1	17.8	25.4	34.1	1976
1977	23.3	20.8	65.3	46.5	41.9	9.12	17.5	16.8	32.6	42.6	48.5	45.5	34.3	1977
1978	39.8	38.5	45.6	46.5	22.2	30.7	12.5	14.1	20.3	57.1	45.9	35.2	34.0	1978
1979	38.4	35.8	53.3	82.5	156	50.4	30.2	20.4	18.8	27.3	45.5	62.9	51.9	1979
1980	48.5	50.9	49.6	55.1	74.1	25.4	21.3	16.9	17.4	37.7	38.1	41.0	39.7	1980
1981	41.0	51.2	53.0	51.3	37.9	33.6	30.6	7.85	19.0	41.2	33.7	33.7	36.1	1981
1982	37.6	45.1	47.0	68.2	13.0	8.46	12.5	10.8	16.6	61.8	44.1	55.7	35.0	1982
1983	56.7	49.3	48.4	35.2	91.7	72.9	13.9	13.0	10.0	17.5	25.1	39.0	39.3	1983
1984	46.3	62.2	54.5	31.6	12.0	61.0	43.7	19.9	21.9	30.8	47.3	51.3	40.1	1984
1985	45.3	52.3	57.5	88.7	77.3	27.6	21.4	16.8	12.9	20.5	45.1	61.0	43.8	1985
1986	21.8	20.5	46.1	42.0	25.7	39.4	16.9	13.8	13.7	22.6	53.6	49.4	30.5	1986
1987	30.7	21.5	45.2	28.1	9.51	5.98	4.11	3.94	4.84	6.11	18.8	42.5	18.5	1987
1988	35.4	25.6	37.1	83.0	86.3	34.6	4.21	12.7	19.3	32.4	100	65.2	44.6	1988
1989	54.9	33.2	43.8	48.5	30.9	78.8	23.3	15.1	12.2	9.59	29.1	28.9	34.0	1989
1990	33.4	42.3	37.1	35.1	81.8	59.0	45.4	12.3	6.97	31.9	51.2	51.3	40.6	1990
MEAN	37.6	38.9	49.7	52.8	46.3	38.8	26.6	18.4	22.5	32.1	40.1	40.8	37.0	MEAN

LOCATION - LAT 46 20 40 N DRAINAGE AREA, 3 130 km^2
LONG 080 50 24 W REGULATED

WANAPITEI RIVER NEAR WANUP - STATION NO. 02DB005

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1952	---	---	---	---	1952
1953	---	188 ON MAR 24	22.1 ON AUG 23	1 150 000	1953
1954	---	229 ON OCT 16	20.3 ON MAY 28	1 490 000	1954
1955	---	127 ON APR 05	11.4 ON SEP 07	951 000	1955
1956	---	118 ON APR 06	11.5 ON JUN 26	1 000 000	1956
1957	---	244 ON JUL 06	13.3 ON JUN 22	1 320 000	1957
1958	---	62.6 ON MAR 31	10.0 ON JUN 21	745 000	1958
1959	---	113 ON APR 16	10.6 ON AUG 08	1 050 000	1959
1960	---	294 ON MAY 10	21.8 ON JUL 15	1 710 000	1960
1961	---	144 ON JUN 27	9.66 ON JUN 01	1 070 000	1961
1962	---	124 ON MAR 31	11.5 ON NOV 27	979 000	1962
1963	---	142 ON MAR 31	3.94 ON JUN 08	781 000	1963
1964	---	149 ON APR 14	9.00 ON AUG 22	880 000	1964
1965	---	108 ON APR 14	7.22 ON MAY 10	1 160 000	1965
1966	---	116 ON DEC 10	15.4 ON AUG 05	1 370 000	1966
1967	---	242 ON APR 02	8.61 ON OCT 19	1 640 000	1967
1968	---	64.8 ON MAR 20	9.71 ON OCT 10	988 000	1968
1969	108 AT 12:00 EST ON NOV 21	106 ON NOV 21	7.82 ON SEP 09	1 250 000	1969
1970	247 AT 06:45 EST ON JUN 04	246 ON JUN 04	18.2 ON APR 30	1 450 000	1970
1971	148 AT 01:50 EST ON APR 17	138 ON APR 16	7.79 ON SEP 19	1 060 000	1971
1972	172 AT 02:56 EST ON APR 21	168 ON APR 21	9.66 ON JUN 02	1 280 000	1972
1973	---	146 B ON MAR 12	13.1 E ON AUG 21	1 300 000	1973
1974	150 AT 08:54 EST ON APR 15	145 ON APR 15	3.60 ON AUG 02	1 240 000	1974
1975	163 AT 00:55 EST ON APR 20	146 ON APR 20	1.74 ON OCT 13	943 000	1975
1976	129 AT 20:23 EST ON MAR 31	120 ON APR 01	4.47 ON AUG 28	1 080 000	1976
1977	148 AT 02:57 EST ON MAR 30	145 ON MAR 30	6.97 ON JUN 16	1 080 000	1977
1978	89.8 AT 03:32 EST ON APR 20	85.5 ON APR 20	7.28 ON MAY 05	1 070 000	1978
1979	326 A ON MAY 01 * -	311 A ON MAY 01 *	12.2 ON AUG 21	1 640 000	1979
1980	178 AT 19:36 EST ON APR 09	164 ON APR 09	7.64 ON SEP 10	1 250 000	1980
1981	116 AT 08:45 EST ON FEB 24	112 ON FEB 24	4.55 ON AUG 03	1 140 000	1981
1982	119 AT 02:40 EST ON APR 14	115 ON APR 14	2.36 ON MAY 23	1 100 000	1982
1983	126 AT 18:33 EST ON MAY 08	124 ON MAY 08	7.80 ON SEP 15	1 240 000	1983
1984	117 AT 14:37 EST ON JUN 14	113 ON JUN 14	5.90 ON MAY 21	1 270 000	1984
1985	162 AT 05:37 EST ON APR 23	155 ON APR 23	8.30 ON JUN 01	1 380 000	1985
1986	154 AT 06:58 EST ON MAR 31	151 ON MAR 31	10.8 ON JUL 23	961 000	1986
1987	105 AT 00:32 EST ON MAR 31	100 ON MAR 30	2.54 ON JUN 23	582 000	1987
1988	148 AT 03:00 EST ON APR 05	141 ON APR 05	1.71 ON JUL 20 *	1 410 000	1988
1989	144 AT 19:22 EST ON JUN 17	124 ON JUN 18	6.17 ON JUL 07	1 070 000	1989
1990	236 AT 19:36 EST ON MAY 18	211 ON MAY 18	2.03 ON SEP 20	1 280 000	1990
				1 170 000	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX)
B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

WATABEAG RIVER AT WATABEAG LAKE DAM - STATION NO. 04MB003

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1954	---	---	---	---	---	---	---	---	---	7.88	2.66	9.49	---	1954
1955	8.15	0	0	0	0	0	0	0	0	0	0	3.96	1.03	1955
1956	10.1	0	0	0.066	0	0	0	0	0	1.82	1.12	11.7	2.10	1956
1957	7.34	0.399	0	0	0	0	0	0	0	0	2.18	7.35	1.46	1957
1958	9.57	5.56	0	0	0	0	0	0	0	0	0.060	4.22	1.60	1958
1959	9.61	7.31	1.55	0	0	0	0	0	0	0	0	7.97	2.19	1959
1960	7.23	1.01	0	0.052	0.893	4.89	5.27	2.81	2.27	6.10	9.13	2.56	3.52	1960
1961	9	0	0.136	0	0	0	0	0	0	1.67	2.43	8.81	1.10	1961
1962	7.77	6.38	2.74	0	0	0	0	2.20	11.3	0.152	4.61	0.735	2.95	1962
1963	0.425	0.425	0.425	0.039	0	0	0	0	3.19	3.20	3.36	0.566	0.966	1963
1964	0.566	0.566	0.566	0.575	0	0	9.18	8.22	5.16	0.678	5.99	0.512	2.68	1964
1965	1.13	5.17	7.42	0.486	0	0	1.93	3.40	2.65	0.448	7.10	8.43	3.17	1965
1966	5.91	3.41	3.72	0	0	9	2.91	2.98	3.23	3.67	4.28	4.68	2.91	1966
1967	4.86	4.65	4.85	1.07	0.055	7.31	1.38	1.22	3.92	2.97	4.02	2.73	3.23	1967
1968	1.65	1.24	3.25	0	0	0.354	3.59	3.47	2.52	1.94	1.48	3.11	1.89	1968
1969	3.09	1.88	6.22	2.09	0	0.159	1.72	1.53	0.862	1.91	0.632	2.19	1.87	1969
1970	5.83	4.21	0.713	0.484	0	0.080	4.45	3.95	5.42	6.92	6.31	5.14	3.63	1970
1971	4.39	5.58	6.33	0.772	0	0	3.54	5.92	5.77	4.43	4.43	4.88	3.83	1971
1972	4.73	5.67	8.49	3.67	0	0	0	1.30	2.50	1.77	1.37	2.58	2.67	1972
1973	1.84	2.09	7.76	0.730	0	0	0.188	1.35	9.24	5.38	0.241	1.68	2.64	1973
1974	0.899	0.566	7.87	2.02	0	4.25	4.85	0.493	2.25	4.19	3.13	1.79	2.71	1974
1975	0.453	0.814	11.1	1.06	0	0.431	1.67	0.785	0.623	1.33	3.17	3.50	2.10	1975
1976	1.74	5.66	10.9	0.576	1.80	1.56	1.60	1.20	3.25	3.73	2.52	1.79	3.03	1976
1977	1.37	3.61	4.31	0	0.297	0.484	4.10	0.150	0.194	1.72	2.50	5.98	1.89	1977
1978	2.68	7.55	6.47	3.78	0	0	0.713	0.794	2.52	1.61	2.30	0.363	0.174	2.17	1978
1979	0.279	2.32	7.96	0.404	1.20	1.91	3.53	2.53	0.156	2.20	5.28	5.01	2.74	1979
1980	2.81	4.48	6.52	0.965	0	0.588	1.23	1.57	2.20	1.62	2.41	2.33	2.22	1980
1981	1.53	4.67	8.86	0	0	0.569	2.11	0	0.206	3.46	4.07	2.44	5.35	1981
1982	1.62	4.96	5.24	2.59	0	0	0	0	0	1.97	4.45	2.79	1.95	1982
1983	2.25	4.54	7.41	0	0	0.253	0	0	0	0	0.023	0.445	1.23	1983
1984	0.216	0.121	4.11	0	0	0	0.413	0	0	0	0.943	0	0.488	1984
1985	0	0	5.37	0.097	0	0	1.81	1.56	0.797	3.34	3.08	2.80	1.59	1985
1986	2.01	3.88	10.5	0.197	---	---	0	0.771	0.020	0	---	0	---	1986
1987	0	3.46	0.648	0	0	0	0	0	0	---	---	0	---	1987
1988	0	2.33	---	---	0.094	3.41	---	4.03	2.65	1.75	6.65	3.62	---	1988
1989	0	---	---	0	---	2.38	0.135	0	0	0	---	3.83	---	1989
1990	3.34	5.05	3.25	0	0.097	1.64	4.91	0.181	0	3.31	5.76	2.86	2.52	1990
MEAN	3.21	3.12	4.55	0.621	0.130	0.865	1.75	1.51	1.97	2.25	3.11	3.53	2.26	MEAN

LOCATION - LAT 48 17 34 N LONG 080 32 43 W
DRAINAGE AREA, 238 km^2
REGULATED

WATABSAG RIVER AT WATABEAG LAKE DAM - STATION NO. 04MB003

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1954	---	---	---	---	1954
1955	---	15.7 ON JAN 07	0 ON JAN 21 *	32 400	1955
1956	---	14.9 ON DEC 01	0E ON FEB 01	66 400	1956
1957	---	13.7 ON NOV 09	0E ON FEB 04	46 000	1957
1958	---	12.2 ON FEB 08	0 ON FEB 17	50 500	1958
1959	---	56.1 ON JAN 07 *	0E ON MAR 10	68 900	1959
1960	---	12.7 ON NOV 12	0 ON FEB 08	111 000	1960
1961	---	10.3 ON DEC 01	0E ON JAN 01	34 700	1961
1962	---	20.7 ON SEP 13	0 ON MAR 30	93 000	1962
1963	---	20.8 ON SEP 14	0 ON APR 03	30 500	1963
1964	---	14.0 ON JUL 04	0 ON APR 18	84 600	1964
1965	---	12.7 ON MAR 11	0 ON APR 15	100 000	1965
1966	---	8.35 ON JAN 01	0 ON MAR 26	91 700	1966
1967	---	18.4 ON JUN 20	0 ON APR 18	102 000	1967
1968	---	5.80 ON DEC 14	0 ON MAR 30	59 900	1968
1969	---	10.3 ON MAR 15	0 ON APR 18	58 900	1969
1970	---	9.49 ON JAN 17	0 ON APR 21	114 000	1970
1971	---	10.3 ON MAR 06	0 ON APR 17	121 000	1971
1972	---	11.0 ON MAR 25	0 ON APR 21	84 300	1972
1973	---	11.9 ON MAR 13	0 ON APR 04	83 200	1973
1974	---	16.6 ON MAR 20	0 ON APR 06	85 400	1974
1975	---	20.5 ON MAR 22	0 ON APR 19	66 200	1975
1976	---	12.9 ON FEB 26	0 ON APR 03	95 700	1976
1977	---	12.7 ON MAR 05	0 ON MAR 15	59 600	1977
1978	---	16.1 ON FEB 16	0 ON APR 27	68 400	1978
1979	---	14.2 ON JUL 05	0 ON APR 03	86 500	1979
1980	---	11.3 ON FEB 29	0 ON APR 10	70 200	1980
1981	---	14.2 ON MAR 04	0 ON MAR 25	73 100	1981
1982	---	11.5 ON FEB 17	0 ON APR 16	61 400	1982
1983	---	14.8 ON MAR 01	0 ON MAR 30	38 800	1983
1984	---	9.40 ON MAR 01	0 ON JAN 01	15 400	1984
1985	---	11.4 ON MAR 02	0 ON JAN 01	50 200	1985
1986	---	---	---	---	1986
1987	---	---	---	---	1987
1988	---	---	0 ON JAN 01	---	1988
1989	---	---	---	---	1989
1990	---	11.6 ON FEB 15	0 ON MAR 24	79 500	1990
	E - ESTIMATED	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		71 400	MEAN

WAUBUNO CREEK NEAR DORCHESTER - STATION NO. 02GD020

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1965	---	---	---	---	---	0.057	0.045	0.031	0.041	0.176	0.543	1.61	---	1965
1966	0.498	1.53	2.13	1.37	0.585	0.337	0.042	0.103	0.069	0.101	1.15	3.02	0.908	1966
1967	1.27	0.712	3.70	2.71	0.927	0.723	0.203	0.321	0.155	1.19	2.02	2.52	1.38	1967
1968	1.22	1.92	5.33	0.778	0.333	0.498	0.175	0.055	0.219	0.591	1.51	1.74	1.36	1968
1969	2.65	1.28	2.77	2.28	1.33	0.327	0.070	0.038	0.037	0.055	0.300	0.268	0.950	1969
1970	0.257	0.486	1.76	2.14	0.483	0.096	0.114	0.040	0.046	0.121	0.870	1.40	0.650	1970
1971	0.474	1.39	3.42	2.31	0.261	0.087	0.024	0.038	0.031	0.045	0.085	0.314	0.701	1971
1972	0.650	0.238	3.84	3.10	0.991	0.232	0.138	0.116	0.054	0.468	1.30	1.96	1.09	1972
1973	1.86	0.925	5.43	1.43	0.784	0.202	0.047	0.044	0.024	0.098	1.05	1.22	1.10	1973
1974	3.52	1.40	3.12	2.07	1.90	0.698	0.307	0.030	0.034	0.058	0.477	0.379	1.17	1974
1975	2.08	2.65	3.54	2.36	0.379	0.359	0.059	0.095	0.241	0.091	0.222	1.20	1.10	1975
1976	0.742	4.97	5.17	1.41	1.36	0.155	0.901	0.791	0.485	0.544	1.08	0.628	1.52	1976
1977	0.244	0.358	6.26	1.68	0.267	0.114	0.073	0.120	0.778	1.17	1.26	2.96	1.28	1977
1978	0.753	0.565	2.18	5.88	0.643	0.174	0.038	0.018	0.079	0.142	0.226	0.451	0.925	1978
1979	0.642	0.299	4.28	3.10	0.585	0.184	0.071	0.058	0.065	0.132	1.34	1.96	1.07	1979
1980	1.08	0.256	2.52	2.32	0.475	0.247	1.09	0.159	0.186	0.397	0.253	0.826	0.821	1980
1981	0.155	5.04	1.70	1.40	0.652	0.449	0.101	0.072	0.594	1.39	0.825	0.644	1.00	1981
1982	0.451	0.194	1.41	1.31	0.693	0.685	0.123	0.141	0.195	0.179	2.29	3.78	1.32	1982
1983	0.791	1.35	3.05	1.74	2.46	0.818	0.464	1.16	0.180	0.207	0.901	1.21	1.11	1983
1984	0.263	5.28	4.03	1.43	0.745	1.85	0.776	0.156	0.916	0.251	0.826	1.85	1.51	1984
1985	1.13	3.25	5.59	2.59	0.334	0.410	0.155	0.253	0.415	1.33	2.79	1.70	1.65	1985
1986	1.48	1.12	4.13	1.12	0.643	0.521	0.235	0.172	1.55	2.22	0.908	1.75	1.33	1986
1987	0.836	0.251	3.17	2.12	0.616	0.439	0.112	0.063	0.036	0.106	0.774	2.44	0.920	1987
1988	0.398	1.19	2.91	1.14	0.454	0.059	0.079	0.091	0.141	0.962	2.34	1.29	0.920	1988
1989	1.25	0.565	1.91	1.55	0.318	0.336	0.051	0.051	0.030	0.069	0.551	0.109	0.565	1989
1990	2.93	3.00	2.13	1.14	1.18	0.189	0.702	0.794	1.10	2.19	2.53	3.61	1.79	1990
MEAN	1.10	1.69	3.41	2.10	0.776	0.394	0.241	0.193	0.296	0.549	1.09	1.61	1.13	MEAN

LOCATION - LAT 42 59 40 N DRAINAGE AREA, 108 km^2
LONG 081 07 00 W NATURAL FLOW

WAUBUNO CREEK NEAR DORCHESTER - STATION NO. 02GD020

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1965	---	---	---	---	1965
1966	30.3 AT 00:00 EST ON DEC 07	23.7 ON DEC 07	0.025 ON JUL 20	28 600	1966
1967	25.6 AT 09:30 EST ON APR 03	19.4 ON APR 03	0.062 ON SEP 17	43 400	1967
1968	66.5 AT 11:30 EST ON FEB 02	55.5 ON FEB 02 *	0.042 ON AUG 15	42 900	1968
1969	52.4B AT 18:15 EST ON JAN 30	22.6 B ON JAN 30	0.028 ON OCT 12	30 000	1969
1970	15.3 AT 21:44 EST ON APR 02	9.57 ON APR 03	0.024 ON AUG 18	20 500	1970
1971	21.4 AT 08:05 EST ON APR 02	15.3 B ON FEB 28	0.011 ON JUL 20	22 100	1971
1972	---	26.3 B ON MAR 22	0.027 ON SEP 22	34 600	1972
1973	34.8 AT 21:36 EST ON MAR 11	15.3 ON MAR 11	0.020 ON JUL 22	34 700	1973
1974	34.5 AT 05:10 EST ON MAR 05	22.6 ON JAN 27	0.019 ON AUG 22	36 800	1974
1975	41.1B AT 12:15 EST ON FEB 24	27.8 B ON FEB 24	0.019 ON AUG 02	34 600	1975
1976	70.2 AT 23:04 EST ON MAR 05 *	32.6 ON MAR 05	0.091 ON SEP 08	47 900	1976
1977	46.2 AT 09:21 EST ON MAR 13	32.8 ON MAR 13	0.034 ON JUL 31	40 500	1977
1978	35.4 AT 22:44 EST ON APR 01	20.0 ON APR 02	0.008 ON AUG 15	29 200	1978
1979	35.2 AT 08:59 EST ON APR 14	26.5 ON APR 14	0.020 ON JUL 27	33 600	1979
1980	26.7 AT 15:43 EST ON JUL 08	15.5 ON MAR 21	0.053 ON AUG 28	26 000	1980
1981	26.0 AT 20:30 EST ON FEB 23	20.0 B ON FEB 19	0.002 ON JUL 17	31 700	1981
1982	48.4 AT 11:35 EST ON MAR 31	31.9 ON MAR 31	0.013 ON AUG 20	41 600	1982
1983	27.4 AT 00:24 EST ON MAY 03	13.9 ON MAY 03	0.051 ON JUL 28	35 100	1983
1984	68.7 AT 11:01 EST ON FEB 14	51.6 ON FEB 14	0.027 ON AUG 28	47 900	1984
1985	46.4 AT 22:00 EST ON FEB 24	23.1 B ON FEB 24	0.039 ON AUG 05	52 100	1985
1986	---	22.0 E ON MAR 19	0.054 ON SEP 07	41 800	1986
1987	31.8 AT 08:09 EST ON MAY 31	16.5 ON MAR 08	0.011 ON AUG 01	29 000	1987
1988	14.7 AT 09:27 EST ON DEC 28	14.0 B ON MAR 09	0 A ON JUL 07 *	29 100	1988
1989	16.3 AT 13:06 EST ON JAN 08	8.50B ON JAN 08	0.019 ON AUG 10	17 800	1989
1990	34.1 AT 06:54 EST ON DEC 30	27.8 ON DEC 30	0.043 ON AUG 11	56 400	1990
				35 500	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX)
B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

WAWA CREEK AT WAWA - STATION NO. 02BD006

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1990	0.173	0.112	0.126	1.30	1.27	0.546	0.488	0.655	0.157	0.262	0.387	0.379	0.490	1990
MEAN	0.173	0.112	0.126	1.30	1.27	0.546	0.488	0.655	0.157	0.262	0.387	0.379	0.490	MEAN

LOCATION - LAT 47 59 21 N, LONG 084 46 07 W
DRAINAGE AREA, 34.4 km^2
NATURAL FLOW

REMARKS - STATION OPERATED BY WSC EFFECTIVE SEPTEMBER 29 1989

WAWA CREEK AT WAWA - STATION NO. 02BD006

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1990	---	2.45E ON APR 20 *	0.012 ON DEC 04 *	15 400	1990
				15 400	MEAN

E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

WEBBER DRAIN AT HWY #59 (PITTOCK CONTROL) - STATION NO. 02GD024

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1988	---	---	---	---	---	---	---	0.001	0.001	0.001	0.010	0.009	---	1988
1989	0.025	0.007	0.042	0.031	0.007	0.007	0.003	0.001	0.001	0	0.001	0	0.011	1989
1990	0.037	0.062	0.074	0.022	0.021	0.006	0.010	0.003	0.003	0.023	0.037	0.066	0.030	1990
MEAN	0.031	0.035	0.058	0.027	0.014	0.007	0.007	0.002	0.002	0.008	0.016	0.025	0.021	MEAN

LOCATION - LAT 43 15 23 N, LONG 080 49 24 W
DRAINAGE AREA, 3.72 km^2
NATURAL FLOW

REMARKS - STATION ACTIVATED AUGUST, 1988

WEBBER DRAIN AT HWY #59 (PITTOCK CONTROL) - STATION NO. 02GD024

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1988	---	---	---	---	1988
1989	0.661 AT 04:34 EST ON JAN 08	0.208 ON JAN 08	0 ON SEP 21 *	333	1989
1990	0.682 AT 18:17 EST ON MAR 11 *	0.423 ON DEC 30 *	0.001B ON JAN 11	955	1990
				644	MEAN

B - ICE CONDITIONS
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

WELLAND CANAL DIVERSION FROM LAKE ERIE - STATION NO. 02HA019

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1984	170	162	178	242	251	241	252	234	235	241	240	230	223	1984
1985	180	165	155	228	244	229	210	196	209	198	211	203	202	1985
1986	230	214	215	230	168	191	160	214	226	229	226	218	210	1986
1987	213	179	195	226	227	214	220	207	230	227	231	220	216	1987
1988	227	224	219	214	239	237	227	211	211	203	205	211	219	1988
1989	214	172	216	238	239	233	238	217	235	227	223	215	222	1989
1990	191	184	192	232	215	228	232	215	226	225	212	222	215	1990
MEAN	204	186	196	230	226	225	220	213	225	221	221	217	215	MEAN

LOCATION - LAT N
LONG W REGULATED

REMARKS - DISCHARGES DO NOT INCLUDE FLOW FROM WELLAND CANAL TO WELLAND RIVER

WELLAND CANAL DIVERSION FROM LAKE ERIE - STATION NO. 02HA019

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1984	---	262 ON NOV 22	120 ON MAR 21	7 050 000	1984
1985	---	271 ON APR 28	114 ON FEB 24	6 390 000	1985
1986	---	246 ON SEP 26	96.0 ON MAY 31	6 620 000	1986
1987	---	251 ON APR 14	95.7 ON AUG 09	6 810 000	1987
1988	---	275 ON JAN 07	133 ON AUG 04	6 920 000	1988
1989	---	277 ON JUL 15 *	94.0 ON DEC 23 *	7 020 000	1989
1990	---	257 ON JUL 02	118 ON AUG 09	6 770 000	1990
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		6 800 000	MEAN

WELLAND RIVER BELOW CAISTOR CORNERS - STATION NO. 02HA007

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1957	---	---	---	---	---	---	0.690	0.005	0.015	0.012	0.035	2.25	---	1957
1958	0.135	0.722	7.43	1.37	0.072	0.014	0.004	0	0.001	0.003	0.117	0.119	0.838	1958
1959	3.27	3.47	18.8	7.35	0.395	0.101	0	0	0	0.209	1.02	2.94	3.14	1959
1960	2.21	2.98	2.04	13.3	3.81	0.286	0.022	0.046	0.001	0	0.016	0.006	2.04	1960
1961	0.003	3.97	1.33	5.04	0.700	0.073	0.022	0.414	0.161	0.004	0.107	0.315	0.984	1961
1962	1.10	0.320	8.44	0.547	---	---	---	---	---	6.00	5.23	2.86	---	1962
1963	0.042	0.021	11.1	2.49	0.852	0.373	0.001	0.175	0.005	0	0.018	0.036	1.27	1963
1964	1.51	0.141	8.53	3.81	0.826	0.006	0.137	1.24	0.082	0.010	0.019	0.989	1.45	1964
1965	2.13	7.20	4.20	7.50	0.208	0.005	0.004	0.000	0.023	0.304	1.87	3.54	2.21	1965
1966	1.11	4.52	8.02	2.35	0.719	0.068	0.001	0	0	0	0.012	3.70	1.70	1966
1967	2.41	1.70	5.86	3.66	2.63	0.088	0.012	0.001	0.003	0.151	0.732	3.82	1.76	1967
1968	1.08	6.61	5.45	0.885	0.401	2.67	0.190	0.008	0.402	0.083	5.35	2.90	2.14	1968
1969	5.35	3.45	3.26	7.62	3.77	0.240	0.027	0.040	0	0	0.159	1.21	2.08	1969
1970	0.155	2.07	5.46	2.93	0.263	0.030	0.106	0.027	0.053	0.351	2.65	4.55	1.55	1970
1971	0.565	4.01	8.57	1.84	0.114	0.265	0.002	0	0	0.006	0.009	1.36	1.38	1971
1972	3.50	0.092	14.1	7.22	1.68	0.354	0.153	1.12	0.107	0.440	3.77	8.88	3.48	1972
1973	4.81	2.22	11.1	3.12	0.911	0.196	0.138	0.133	0.192	0.438	6.31	6.83	2.05	1973
1974	8.13	5.65	5.64	3.83	6.23	0.744	0.083	0.073	0.191	0.241	0.657	1.88	2.77	1974
1975	2.65	4.62	6.06	1.73	0.383	0.787	0.038	0.238	1.60	0.755	1.61	3.76	2.00	1975
1976	2.98	12.2	9.86	5.99	4.19	0.289	0.320	0.229	0.091	0.254	0.463	0.473	3.08	1976
1977	0.152	0.754	8.75	2.48	0.061	0.178	0.647	0.463	7.71	3.56	1.73	12.8	3.29	1977
1978	1.92	1.89	10.8	5.67	0.566	0.131	0.436	0.512	0.693	2.55	0.764	2.37	2.36	1978
1979	4.39	2.14	7.11	8.25	0.524	0.068	0.064	0.081	0.349	0.583	2.28	6.18	2.67	1979
1980	0.885	0.535	5.41	6.40	0.686	0.252	0.391	0.307	0.676	1.32	0.631	1.99	1.63	1980
1981	0.076	11.5	0.872	1.18	0.730	0.875	0.648	1.94	4.10	3.22	2.34	2.91	2.46	1981
1982	3.47	0.135	12.0	5.72	0.211	2.09	0.086	0.145	0.611	0.622	5.51	8.27	3.26	1982
1983	1.99	3.93	4.41	4.41	3.86	0.604	0.509	1.89	0.622	0.906	3.45	6.78	2.78	1983
1984	0.632	9.40	9.05	9.26	2.12	4.66	0.133	0.099	1.85	0.643	1.80	4.35	3.63	1984
1985	1.97	6.53	8.80	4.08	0.122	0.118	0.048	0.219	0.190	1.80	13.7	3.72	3.41	1985
1986	1.25	0.921	10.0	3.63	2.45	0.429	0.701	0.308	1.21	2.78	3.97	6.24	2.85	1986
1987	2.11	0.374	4.13	7.37	0.161	0.128	0.646	1.18	0.901	1.01	3.11	5.40	2.20	1987
1988	1.36	4.09	2.36	1.11	0.305	0.022	1.01	0.314	0.334	1.04	3.31	1.35	1.37	1988
1989	1.48	0.755	3.91	2.45	2.64	0.654	0.212	0.156	0.560	0.897	2.59	0.417	1.40	1989
1990	7.56	8.80	5.73	2.71	2.75	0.084	0.058	0.121	0.574	1.31	0.987	10.3	3.40	1990
MEAN	2.19	3.57	7.23	4.46	1.42	0.528	0.229	0.348	0.706	0.927	2.24	3.68	2.30	MEAN

LOCATION - LAT 43 01 30 N DRAINAGE AREA, 230 km^2
LONG 079 37 00 W REGULATED

WELLAND RIVER BELOW CAISTOR CORNERS - STATION NO. 02HA007

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1957	---	---	---	---	1957
1958	---	20.7 ON MAR 02	0 ON JUL 18 *	26 400	1958
1959	---	96.3E ON MAR 21 *	0 ON JUN 19	99 000	1959
1960	---	79.0B ON APR 01	0 B ON MAR 09	64 400	1960
1961	---	45.9 ON FEB 26	0 B ON JAN 21	31 000	1961
1962	---	51.5E ON NOV 11	---	---	1962
1963	---	45.3B ON MAR 18	0 ON JUL 07	40 100	1963
1964	---	31.4 ON MAR 15	0 ON JUN 23	46 000	1964
1965	---	56.6B ON FEB 11	0 ON JUN 28	69 600	1965
1966	---	33.4B ON FEB 12	0 ON JUL 09	53 500	1966
1967	---	33.4 ON DEC 22	0 ON JUN 26	55 600	1967
1968	---	45.3B ON FEB 03	0 B ON JAN 15	67 500	1968
1969	56.4 AT 17:00 EST ON JAN 31	52.7 ON JAN 31	0 ON AUG 16	65 700	1969
1970	29.4 AT 18:46 EST ON DEC 04	24.5 ON APR 03	0.006B ON JAN 26	48 900	1970
1971	---	48.1B ON FEB 28	0 ON JUL 15	43 600	1971
1972	31.1 AT 01:05 EST ON DEC 07	27.1 ON APR 17	0.023B ON FEB 13	110 000	1972
1973	53.2 AT 10:31 EST ON DEC 28	51.0 ON DEC 28	0.093 ON JUN 24	96 200	1973
1974	44.2 AT 05:52 EST ON FEB 23	41.6 ON FEB 23	0.027 ON JUL 17	87 400	1974
1975	---	35.4B ON FEB 25	0.014 ON JUL 07	63 200	1975
1976	67.4 AT 02:30 EST ON MAR 06	61.7 ON MAR 06	0.022 ON JUN 14	97 500	1976
1977	47.9 AT 09:02 EST ON DEC 16	47.0 ON DEC 16	0.011 ON MAY 30	104 000	1977
1978	---	48.1B ON MAR 22	0.031 ON JUN 06	74 600	1978
1979	53.6 AT 01:46 EST ON DEC 26	49.3 ON DEC 26	0.039 ON JUL 24	84 300	1979
1980	49.9 AT 00:33 EST ON MAR 22	43.6 ON MAR 22	0.016 ON JUL 21	51 400	1980
1981	36.9 AT 23:30 EST ON FEB 17	33.0B ON FEB 18	0.020 ON JUL 18	77 700	1981
1982	42.8 AT 00:16 EST ON DEC 26	40.0B ON MAR 15	0.034 ON MAY 22	103 000	1982
1983	38.4 AT 06:15 EST ON DEC 13	36.5 ON DEC 13	0.067 ON JUL 14	87 600	1983
1984	74.4 AT 14:30 EST ON FEB 14	73.5A ON FEB 14	0.071 ON AUG 21	115 000	1984
1985	---	50.8B ON FEB 25	0.001 ON AUG 03	107 000	1985
1986	47.7 AT 02:44 EST ON MAR 12	44.1 ON MAR 11	0.041 ON AUG 26	89 800	1986
1987	42.7 AT 17:44 EST ON APR 05	40.4 ON APR 06	0.079 ON MAY 29	69 400	1987
1988	23.9 AT 11:37 EST ON MAR 26	20.0 ON MAR 26	0 ON JUN 17	43 400	1988
1989	21.3 AT 19:23 EST ON MAY 12	15.0 ON MAY 12	0.065 ON JUL 19	44 100	1989
1990	83.3 AT 17:47 EST ON DEC 30 *	73.7 ON DEC 30	0.041 ON JUL 07	107 000	1990
				72 600	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX) B - ICE CONDITIONS E - ESTIMATED * - EXTREME RECORDED FOR THE PERIOD OF RECORD

WELLAND RIVER NEAR MOUNT HOPE - STATION NO. 02HA015

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1980	---	---	0.065	0.073	0.053	0.007	0	0	0	0.002	0.003	0.006	---	1980
1981	0.001	0.044	0.007	0.017	0.003	0.001	0.003	0.045	0.074	0.020	0.014	0.008	0.019	1981
1982	0.009	0.004	0.124	0.036	0.002	0.016	0	0.002	0.004	0.002	0.023	0.050	0.023	1982
1983	0.006	0.022	0.038	0.036	0.026	0.007	0.008	0.012	0.002	0.007	0.020	0.038	0.019	1983
1984	0.004	0.087	0.056	0.071	0.019	0.101	0.002	0.001	0.036	0.002	0.018	0.025	0.035	1984
1985	0.007	0.089	0.108	0.030	0.003	0.004	0.002	0.003	0.001	0.007	0.077	0.023	0.029	1985
1986	0.010	0.007	0.093	0.020	0.019	0.005	0.006	0.008	0.011	0.017	0.022	0.039	0.022	1986
1987	0.012	0.004	0.040	0.081	0.003	---	---	---	---	---	---	---	---	1987
MEAN	0.007	0.037	0.066	0.046	0.016	0.020	0.003	0.010	0.018	0.008	0.025	0.027	0.025	MEAN

LOCATION - LAT 43 10 14 N, LONG 079 56 51 W DRAINAGE AREA, 2.08 km^2, NATURAL FLOW

REMARKS - DISCHARGES TO FOUR SIGNIFICANT FIGURES AVAILABLE FROM REGIONAL OFFICE. DISCONTINUED JUN 16 1987

WELLAND RIVER NEAR MOUNT HOPE - STATION NO. 02HA015

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1980	0.789 AT 14:30 EST ON MAR 21	0.422 ON MAR 21	0 ON JUN 14 *	---	1980
1981	6.01 AT 18:00 EST ON AUG 13	0.763 ON AUG 13	0 ON MAY 22	612	1981
1982	2.57 AT 15:21 EST ON MAR 13	0.972 ON MAR 13	0 ON JAN 13	725	1982
1983	0.889 AT 14:09 EST ON DEC 06	0.380 ON DEC 06	0 B ON JAN 17	584	1983
1984	7.57 AT 15:39 EST ON JUN 18 *	2.15 ON JUN 18 *	0 ON JUL 21	1 100	1984
1985	1.54 AT 16:01 EST ON FEB 24	1.09 ON FEB 24	0 ON JUN 15	916	1985
1986	1.24 AT 02:03 EST ON MAR 11	0.602 ON MAR 11	0.001 ON JUN 26	682	1986
1987	---	0.944 ON APR 05	---	---	1987
				770	MEAN

B - ICE CONDITIONS * - EXTREME RECORDED FOR THE PERIOD OF RECORD

WEST BRANCH LITTLE CATARAQUI CREEK AT KINGSTON - STATION NO. 02HM009

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1989	0.080	0.046	0.166	0.146	0.115	0.106	0.038	0.036	0.056	0.078	0.214	0.042	0.094	1989
1990	0.169	0.174	0.242	0.246	0.169	---	---	---	0.034	0.184	0.123	---	---	1990
MEAN	0.125	0.110	0.204	0.196	0.142	0.106	0.038	0.036	0.045	0.131	0.169	0.042	0.094	MEAN

LOCATION - LAT 44 14 24 N, LONG 076 34 44 W DRAINAGE AREA, 4.98 km^2, NATURAL FLOW

WEST BRANCH LITTLE CATARAQUI CREEK AT KINGSTON - STATION NO. 02HM009

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1989	1.30E AT 13:18 EST ON MAR 15	0.882 ON MAR 15 *	0.022B ON MAR 03 *	2 960	1989
1990	2.32 AT 15:21 EST ON OCT 18 *	---	---	---	1990
				2 960	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

WEST BRANCH SCOTCH RIVER NEAR ST. ISIDORE DE PRESCOTT - STATION NO. 02LB018

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1979	0.389	0.317	6.96	3.07	0.591	0.179	0.080	0.412	1.96	1.07	1.89	3.18	1.69	1979
1980	0.610	0.065	3.57	2.84	0.750	0.131	0.084	0.102	1.18	1.19	1.59	2.02	1.18	1980
1981	0.167	7.99	1.15	1.51	1.22	2.13	0.297	1.65	1.04	1.86	2.06	0.471	1.75	1981
1982	0.359	0.182	3.55	5.34	0.535	0.215	0.055	0.160	0.122	0.198	1.17	2.74	1.22	1982
1983	1.28	1.67	4.14	3.64	2.54	0.336	0.088	0.021	0.029	0.168	2.27	3.19	1.61	1983
1984	---	---	---	5.73	1.20	---	---	---	---	---	---	---	---	1984
1985	---	---	---	2.70	0.323	---	---	---	---	---	---	---	---	1985
1986	---	---	---	1.57	1.35	---	---	---	---	---	---	---	---	1986
1987	---	---	---	1.92	0.359	0.713	0.951	---	---	---	---	---	---	1987
1988	---	---	---	2.10	0.549	---	---	---	---	---	---	---	---	1988
1989	---	---	---	2.02	---	---	---	---	---	---	---	---	---	1989
1990	---	---	---	3.71	1.02	---	---	---	---	---	---	---	---	1990
MEAN	0.561	2.04	3.87	3.01	0.949	0.617	0.259	0.469	0.866	0.897	1.80	2.32	1.49	MEAN

LOCATION - LAT 45 22 33 N LONG 074 56 51 W
DRAINAGE AREA, 99.5 km^2
NATURAL FLOW

REMARKS - SEASONAL OPERATION (MAR-JUN) EFFECTIVE 1984.

WEST BRANCH SCOTCH RIVER NEAR ST. ISIDORE DE PRESCOTT - STATION NO. 02LB018

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1979	---	35.0B ON MAR 25	0.011 ON JUL 25	53 200	1979
1980	---	27.3B ON MAR 22	0.028 ON JUL 14	37 300	1980
1981	---	36.5B ON FEB 21	0.034 ON AUG 03	55 100	1981
1982	---	42.0B ON APR 01 *	0.003 ON AUG 22	38 500	1982
1983	21.3 AT 03:51 EST ON MAY 03	15.0B ON MAR 19	0.001 ON SEP 02 *	50 900	1983
1984	31.4 AT 20:47 EST ON APR 05 *	24.5 ON APR 06	---	---	1984
1985	---	21.6B ON MAR 13	---	---	1985
1986	---	---	---	---	1986
1987	---	25.0B ON MAR 26	---	---	1987
1988	---	---	---	---	1988
1989	---	28.5B ON MAR 28	---	---	1989
1990	29.8E AT 14:56 EST ON APR 04	---	---	---	1990
				47 000	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

WEST DUFFINS CREEK ABOVE GREEN RIVER - STATION NO. 02HC038

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1974	---	---	---	1.02	0.948	0.412	0.452	0.282	0.301	0.347	0.432	0.380	---	1974
1975	0.484	0.970	0.927	1.03	0.493	0.312	0.216	0.235	0.253	0.301	0.364	0.411	0.496	1975
1976	0.369	0.762	1.87	0.834	0.650	0.341	0.473	0.323	0.352	0.392	0.357	0.262	0.582	1976
1977	0.228	0.251	1.52	0.673	0.318	0.283	0.318	0.334	0.618	0.706	0.945	0.913	0.594	1977
1978	1.04	0.235	0.790	2.32	0.956	0.346	0.261	0.350	0.416	0.460	0.465	0.438	0.675	1978
1979	0.505	0.321	2.46	1.23	0.556	0.340	0.296	0.324	0.322	0.491	0.634	0.894	0.701	1979
1980	0.677	0.245	1.82	1.39	0.474	0.400	0.440	0.303	0.383	0.514	0.485	0.675	0.653	1980
1981	0.281	1.88	0.529	0.549	0.510	0.366	0.286	0.594	0.562	0.805	0.729	0.458	0.620	1981
1982	0.380	0.277	1.73	1.45	0.399	0.668	0.428	0.315	0.366	0.415	0.860	0.943	0.687	1982
1983	0.550	1.03	0.911	1.05	---	---	---	---	---	---	---	---	---	1983
1988	---	---	---	---	---	0.290	0.256	0.263	0.317	0.390	0.444	0.436	---	1988
1989	0.615	0.326	1.03	0.615	0.659	0.448	0.183	0.283	0.311	0.399	0.876	0.327	0.507	1989
1990	0.846	0.905	1.51	0.931	0.481	0.325	0.312	0.376	0.322	0.573	0.565	1.04	0.682	1990
MEAN	0.543	0.655	1.37	1.09	0.586	0.378	0.327	0.332	0.377	0.483	0.596	0.598	0.620	MEAN

LOCATION - LAT 43 54 54 N LONG 079 10 47 W
DRAINAGE AREA, 52 km^2
REGULATED

REMARKS - STATION DISCONTINUED APR 22 1983 TO MAY 12, 1988

WEST DUFFINS CREEK ABOVE GREEN RIVER - STATION NO. 02HC038

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1974	---	---	---	---	1974
1975	---	9.91B ON FEB 24	0.144 ON AUG 21	15 600	1975
1976	11.9 AT 03:43 EST ON MAR 21	8.61 ON MAR 21	0.181B ON DEC 13	18 400	1976
1977	12.0 AT 06:37 EST ON MAR 13	8.01 ON MAR 13	0.156 ON JUL 24	18 700	1977
1978	11.6 AT 16:27 EST ON MAY 14	8.61 ON APR 07	0.207B ON MAR 13	21 300	1978
1979	11.2 AT 08:00 EST ON MAR 14	6.93 ON MAR 14	0.211 ON JUL 24	22 100	1979
1980	24.3 AT 13:37 EST ON MAR 21 *	17.2 ON MAR 21 *	0.115B ON MAR 16 *	20 600	1980
1981	7.97 AT 23:55 EST ON AUG 04	6.37B ON FEB 21	0.217 ON JUL 16	19 500	1981
1982	17.2 AT 16:35 EST ON MAR 31	9.72 ON MAR 31	0.238 ON AUG 18	21 700	1982
1983	---	7.30B ON FEB 03	---	---	1983
1988	---	---	0.210E ON JUL 09	---	1988
1989	12.2 B AT 20:40 EST ON MAR 25	5.12B ON MAR 25	0.137 ON JUL 24	16 000	1989
1990	---	15.0 B ON MAR 12	0.162B ON JAN 15	21 500	1990
				19 500	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

WEST DUFFINS CREEK AT GREEN RIVER - STATION NO. 02HC026

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1963	---	---	---	---	---	---	---	---	---	---	---	---	---	1963
1964	0.598	0.462	1.16	0.965	0.408	0.247	0.642	0.501	0.248	0.262 0.324	0.428 0.419	0.376 0.795	--- 0.565	1964
1965	0.416	2.10	1.46	3.07	0.521	0.193	0.370	0.268	0.290	0.693	1.57	1.18	1.00	1965
1966	0.504	0.758	1.71	1.02	0.741	0.409	0.139	0.210	0.279	0.290	0.755	1.06	0.656	1966
1967	0.874	0.182	2.20	1.93	0.812	0.974	0.954	0.833	0.567	1.14	1.58	1.66	1.15	1967
1968	0.986	1.17	4.64	1.24	0.788	---	---	---	---	---	---	---	---	1968
1970	0.410	0.436	1.42	2.34	0.852	0.359	0.534	0.326	0.413	0.462	0.699	0.905	0.764	1970
1971	0.433	0.787	1.84	4.39	0.551	0.240	0.309	0.423	0.567	0.556	0.516	1.32	0.992	1971
1972	0.984	0.525	2.05	7.94	0.560	0.398	0.400	0.375	0.384	0.570	0.641	0.721	1.29	1972
1973	1.13	0.694	5.08	2.11	0.861	0.533	0.343	0.503	0.348	0.513	1.09	0.911	1.18	1973
1974	0.824	0.670	2.22	1.98	2.03	0.712	0.769	0.386	0.444	0.511	0.761	0.658	1.00	1974
1975	0.851	1.84	1.75	2.04	0.919	0.502	0.335	0.365	0.380	0.448	0.568	0.707	0.884	1975
1976	0.645	1.76	4.01	1.61	1.08	0.553	0.849	0.662	0.584	0.641	0.584	0.451	1.12	1976
1977	0.378	0.473	2.76	1.24	0.490	0.410	0.699	0.526	1.64	1.41	2.04	1.86	1.17	1977
1978	2.31	0.861	2.21	1.27	0.492	0.244	0.353	0.534	0.686	0.699	0.717	0.659	1.20	1978
1979	0.718	0.515	5.05	4.10	1.54	0.522	0.443	0.520	0.492	0.912	1.16	1.73	1.25	1979
1980	0.989	0.365	3.45	3.06	0.675	0.518	0.681	0.416	0.538	0.810	0.733	1.16	1.12	1980
1981	0.411	4.04	0.910	0.982	0.994	0.680	0.450	1.25	1.08	1.50	1.24	0.702	1.16	1981
1982	0.646	0.457	3.92	3.27	0.727	1.37	0.896	0.608	0.629	0.787	1.83	2.00	1.43	1982
1983	0.996	1.86	1.73	2.10	1.79	0.575	0.410	0.520	0.513	0.729	1.33	1.08	1.13	1983
1984	0.677	3.77	3.07	2.46	1.49	0.638	0.505	0.353	0.594	0.567	1.21	1.31	1.38	1984
1985	0.578	2.20	3.91	2.94	0.739	0.701	0.463	0.510	0.473	0.671	2.24	1.01	1.36	1985
1986	1.21	0.998	3.97	1.55	0.843	0.865	0.525	1.91	3.55	1.60	0.995	1.09	1.60	1986
1987	0.813	0.593	5.98	1.63	0.783	0.707	0.607	0.552	0.499	0.567	0.988	1.28	1.00	1987
1988	1.11	1.36	3.08	---	---	---	---	---	---	---	---	---	---	1988
MEAN	0.812	1.21	2.77	2.44	0.918	0.575	0.531	0.571	0.691	0.724	1.05	1.07	1.11	MEAN

LOCATION - LAT 43 54 08 N
LONG 079 11 05 W
DRAINAGE AREA, 98.1 km²
REGULATED

REMARKS - DISCONTINUED APR 15 1988

WEST DUFFINS CREEK AT GREEN RIVER - STATION NO. 02HC026

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1963	---	---	---	---	1963
1964	---	7.96 ON JUL 13	0.178 ON AUG 09	17 900	1964
1965	---	24.1 B ON FEB 10	0.102 ON JUN 14	31 700	1965
1966	---	7.65 ON MAR 05	0.046 ON JUL 15	20 700	1966
1967	---	11.8 B ON MAR 27	0.122B ON FEB 13	36 200	1967
1968	---	---	---	---	1968
1970	---	5.32 ON APR 20	0.150 ON OCT 11	24 100	1970
1971	---	25.1 ON APR 02	0 ON JUL 12 *	31 300	1971
1972	---	51.3 ON APR 13 *	0.314 ON SEP 18	40 700	1972
1973	---	31.1 ON MAR 11	0.246 ON JUL 23	37 300	1973
1974	---	17.0 B ON MAR 05	0.266B ON JAN 18	31 500	1974
1975	33.7 AT 21:32 EST ON FEB 24	18.5 ON FEB 24	0.218 ON AUG 21	27 900	1975
1976	28.9 AT 04:55 EST ON MAR 21	20.5 ON MAR 21	0.365B ON DEC 31	35 400	1976
1977	25.5 AT 12:18 EST ON DEC 01	14.7 E ON MAR 13	0.221 ON JUL 25	36 800	1977
1978	25.6E AT 03:44 EST ON APR 07	19.1 E ON APR 07	0.292 ON JUL 18	40 200	1978
1979	41.4 AT 06:30 EST ON MAR 14	22.9 ON MAR 14	0.306 ON JUL 23	39 600	1979
1980	---	26.8 B ON MAR 21	0.284 ON JUL 15	35 400	1980
1981	---	19.0 B ON FEB 20	0.292 ON JUL 14	36 700	1981
1982	58.8 AT 16:46 EST ON MAR 31 *	29.0 ON MAR 31	0.333 ON SEP 10	45 200	1982
1983	14.2 AT 11:41 EST ON APR 10	11.8 B ON FEB 03	0.240B ON DEC 07	35 600	1983
1984	---	43.5 E ON FEB 14	0.162 ON AUG 17	43 500	1984
1985	23.4 AT 08:13 EST ON APR 05	16.0 B ON FEB 24	0.211 ON JUL 29	42 900	1985
1986	40.8 AT 05:00 EST ON AUG 27	22.6 A ON SEP 11	0.235 ON JUL 11	50 300	1986
1987	---	11.0 B ON MAR 08	0.376 ON SEP 04	31 600	1987
1988	---	9.16B ON MAR 24	---	---	1988
				35 100	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX)
B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

WEST DUFFINS CREEK NEAR ALTONA - STATION NO. 02HC041

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1974	---	---	---	---	---	---	0.248	0.152	0.168	0.201	0.275	0.221	---	1974
1975	0.277	0.446	0.446	0.532	0.282	0.199	0.150	0.176	0.152	0.180	0.232	0.227	0.274	1975
1976	0.197	0.317	0.724	0.447	0.332	0.200	0.292	0.198	0.215	0.226	0.224	0.154	0.297	1976
1977	0.129	0.147	0.617	0.327	0.184	0.177	0.196	0.214	0.291	0.311	0.391	0.383	0.282	1977
1978	0.468	0.188	0.305	0.817	0.454	0.178	0.142	0.212	0.268	0.271	0.260	0.215	0.315	1978
1979	0.207	0.131	1.04	0.516	0.330	0.221	0.179	0.206	0.210	0.295	0.326	0.363	0.337	1979
1980	0.270	0.070	0.687	0.642	0.277	0.264	0.270	0.197	0.242	0.300	0.285	0.259	0.314	1980
1981	0.119	1.24	0.330	0.332	0.312	0.235	0.185	0.321	0.294	0.351	0.321	0.221	0.349	1981
1982	0.209	0.178	0.519	0.695	---	---	---	---	---	---	---	---	---	1982
MEAN	0.235	0.342	0.584	0.539	0.313	0.211	0.208	0.210	0.230	0.267	0.289	0.255	0.310	MEAN

LOCATION - LAT 43 57 31 N LONG 079 11 20 W
DRAINAGE AREA, 21.7 km² REGULATED

WEST DUFFINS CREEK NEAR ALTONA - STATION NO. 02HC041

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1974	---	---	---	---	1974
1975	---	3.96B ON FEB 24	0.071 ON SEP 15	8 630	1975
1976	4.50 AT 03:50 EST ON MAR 21	3.34 ON MAR 21	0.062B ON DEC 13	9 400	1976
1977	5.13 AT 09:36 EST ON MAR 13 *	3.79 ON MAR 13	0.076 ON JUL 24	8 880	1977
1978	4.36 AT 15:40 EST ON MAY 14	2.67 ON APR 07	0.122 ON JUL 29	9 940	1978
1979	---	2.10E ON MAR 25	0.065B ON FEB 11	10 600	1979
1980	---	5.28B ON MAR 21 *	0.050B ON MAR 16 *	9 940	1980
1981	---	4.05B ON FEB 20	0.107B ON JAN 22	11 000	1981
1982	---	2.83 ON MAR 31	---	---	1982
				9 770	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

WEST DUFFINS CREEK NEAR PICKERING - STATION NO. 02HC106

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1974	---	---	---	---	2.20	0.939	0.942	0.444	0.384	0.563	0.747	0.624	---	1974
1975	---	---	---	---	---	0.655	0.406	0.479	0.445	0.527	0.625	1.17	---	1975
1976	1.05	2.99	4.52	1.50	1.57	0.566	0.786	0.708	0.606	0.588	0.726	0.679	1.35	1976
1977	0.384	0.685	6.12	1.64	0.673	0.443	0.511	0.711	1.27	1.36	2.64	---	---	1977
MEAN	0.717	1.84	5.32	1.57	1.48	0.651	0.661	0.586	0.676	0.760	1.18	0.824	1.35	MEAN

LOCATION - LAT 43 51 00 N LONG 079 05 12 W
DRAINAGE AREA, 136 km² NATURAL FLOW
DATA CONTRIBUTED BY - ONTARIO MINISTRY OF THE ENVIRONMENT

WEST DUFFINS CREEK NEAR PICKERING - STATION NO. 02HC106

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1974	---	---	0.201 ON SEP 07 *	---	1974
1975	---	---	0.269 ON AUG 02	---	1975
1976	---	34.0 ON MAR 21	0.221B ON DEC 31	42 800	1976
1977	---	47.3A ON MAR 13 *	0.286 ON JUL 27	---	1977
				42 800	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX)
B - ICE CONDITIONS
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

WEST HUMBER RIVER AT HIGHWAY NO. 7 - STATION NO. 02HC031

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1965	---	---	---	---	---	---	---	---	---	---	---	---	---	
1966	0.333	1.26	3.06	0.439	0.218	0.064	0	0	0.005	0.172	0.779	1.10	---	1965
1967	0.612	0.227	3.64	2.28	0.230	2.53	1.22	0.080	0.033	0.015	0.096	0.602	0.505	1966
1968	0.116	1.45	5.27	0.514	0.429	0.083	0.015	0.122	0.104	0.281	0.627	1.63	1.12	1967
1969	0.954	0.760	5.75	3.14	1.07	0.058	0.033	0.023	0.001	0.101	1.46	0.578	0.877	1968
1970	0.090	0.135	3.18	2.48	0.286	0.031	0.043	0.019	0.061	0.088	0.223	0.411	0.590	1969
1975	---	---	---	1.56	0.454	0.054	0.006	0.012	0.019	0.059	0.110	0.120	---	1970
1976	0.094	5.10	4.12	1.05	0.817	0.096	0.202	0.162	0.168	0.275	0.114	0.079	1.01	1975
1977	0.054	0.361	2.48	0.411	0.091	0.061	0.207	0.151	0.656	1.78	1.50	2.11	0.826	1976
1978	0.271	0.243	4.18	5.12	2.06	0.130	0.025	0.113	0.311	0.241	0.242	0.266	1.10	1977
1979	0.687	0.206	6.86	3.53	0.902	0.158	0.033	0.068	0.051	0.258	1.12	2.13	1.34	1978
1980	0.827	0.102	1.98	3.31	0.842	0.466	0.502	0.077	0.112	0.252	0.208	0.439	0.760	1979
1981	0.119	3.30	0.587	0.620	0.345	0.093	0.170	0.052	0.342	1.32	1.79	0.811	0.776	1980
1982	0.662	0.146	9.22	2.88	0.166	2.23	0.158	0.261	0.275	0.314	2.60	4.02	1.84	1981
1983	1.13	1.83	5.50	4.94	1.25	0.140	0.013	0.056	0.047	0.291	0.802	0.981	0.999	1982
1984	0.139	6.03	5.27	2.63	0.577	0.154	0.042	0.040	0.230	0.110	0.572	1.52	1.42	1983
1985	0.312	3.99	7.54	2.87	0.165	0.094	0.064	0.420	0.297	0.227	3.15	1.08	1.87	1984
1986	0.674	0.455	6.11	0.844	0.626	0.292	0.549	0.667	6.24	1.85	0.840	1.60	1.74	1985
1987	0.549	0.243	3.62	3.06	0.118	0.041	0.133	0.040	0.095	0.141	0.903	2.15	0.955	1986
1988	0.505	0.706	1.93	1.12	0.475	0.021	0.019	0.026	0.051	0.140	0.442	0.176	0.483	1987
1989	0.347	0.176	2.94	1.07	0.894	0.312	0.016	0.149	0.036	0.131	1.30	0.082	0.624	1988
1990	3.01	3.21	4.99	0.866	0.739	0.071	0.080	0.083	0.042	0.462	0.544	3.56	1.47	1989
MEAN	0.574	1.51	4.23	2.04	0.607	0.342	0.168	0.126	0.437	0.388	0.891	1.16	1.06	1990
														MEAN

LOCATION - LAT 43 45 32 N
LONG 079 40 43 W

DRAINAGE AREA, 148 km²
NATURAL FLOW

REMARKS - STATION DISCONTINUED DEC 31 1970 FOR BRIDGE CONSTRUCTION. REACTIVATED MAR 1975.

WEST HUMBER RIVER AT HIGHWAY NO. 7 - STATION NO. 02HC031

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1965	---	---	---	---	1965
1966	32.8 AT 19:30 EST ON MAR 13	17.0B ON FEB 11	0 ON JUL 02 *	15 900	1966
1967	80.4 AT 20:00 EST ON JUN 10	21.0 ON JUN 10	0.003 ON SEP 17	35 300	1967
1968	40.5 AT 01:00 EST ON NOV 29	20.0B ON FEB 02	0 ON JUL 17	27 700	1968
1969	51.3 AT 00:55 EST ON MAR 21	27.9 ON MAR 21	0 ON JUL 16	31 900	1969
1970	24.8 AT 20:08 EST ON APR 03	11.0 ON APR 04	0 ON AUG 10	18 600	1970
1975	29.7 AT 19:20 EST ON MAR 19	14.0 ON MAR 19	0.002 ON JUL 17	---	1975
1976	28.6 AT 13:09 EST ON MAR 20	22.4 ON FEB 21	0.024 ON AUG 21	31 900	1976
1977	---	17.0E ON MAR 05	0.008 ON JUN 14	26 000	1977
1978	---	29.7E ON APR 01	0.011E ON JUL 15	34 800	1978
1979	32.3 AT 05:58 EST ON APR 14	23.8E ON MAR 15	0.006E ON JUL 20	42 400	1979
1980	40.5 AT 22:55 EST ON APR 14	21.7 ON MAR 21	0.031 ON AUG 06	24 000	1980
1981	26.3 AT 17:00 EST ON FEB 16	21.1 ON FEB 16	0.023 ON AUG 27	24 500	1981
1982	---	29.5E ON MAR 31	0.036 ON JUL 26	58 000	1982
1983	30.3 AT 11:21 EST ON APR 10	15.1 ON APR 10	0 ON JUL 28	31 500	1983
1984	---	35.0B ON FEB 14	0.005 ON AUG 07	45 000	1984
1985	73.0 AT 18:59 EST ON FEB 24	41.5B ON FEB 24	0.003 ON AUG 10	52 500	1985
1986	102 AT 04:16 EST ON SEP 11 *	54.4 ON SEP 11	0.014 ON JUL 09	54 800	1986
1987	47.2 AT 08:55 EST ON APR 05	34.2 ON APR 05	0.004 ON JUN 21	30 100	1987
1988	33.2 AT 07:53 EST ON APR 04	16.3 ON APR 04	0 ON JUL 02	15 300	1988
1989	58.3 AT 21:52 EST ON MAR 25	19.9 ON MAR 26	0.005 ON JUL 22	19 700	1989
1990	81.9 AT 04:51 EST ON MAR 12	65.0 ON MAR 12 *	0.001 ON AUG 11	46 300	1990
				33 300	MEAN

B - ICE CONDITIONS
E - ESTIMATED

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

WEST HUMBER RIVER BELOW CLAIREVILLE DAM - STATION NO. 02HC034

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1965	---	---	---	---	---	---	---	---	---	---	---	1.42	---	1965
1966	0.760	1.24	4.23	0.537	0.316	0.083	0.123	0.073	0.054	0.021	0.059	0.872	0.698	1966
1967	0.720	0.301	4.09	3.30	0.256	3.05	1.69	0.090	0.071	0.340	0.909	2.27	1.43	1967
1968	0.149	2.28	7.75	0.652	0.609	0.081	0.024	0.021	0.235	0.078	1.59	1.20	1.22	1968
1969	1.09	0.750	7.38	4.14	1.52	0.061	0	0	0.010	0.014	0.151	0.066	1.27	1969
1970	0.077	0.148	4.06	2.89	0.444	0.030	0.039	0.019	0.095	0.249	0.275	0.743	0.760	1970
1971	0.214	0.367	3.48	4.94	0.143	0.021	0.086	0.072	0.057	0.193	0.090	0.428	0.840	1971
1972	0.523	0.144	1.45	11.3	0.270	0.214	0.221	0.021	0.034	0.302	0.779	1.17	1.35	1972
1973	2.62	1.60	8.49	2.61	1.04	0.218	0.079	0.065	0.065	0.115	0.636	0.552	1.51	1973
1974	2.99	1.27	5.87	2.93	3.62	0.366	0.103	0.052	0.150	0.035	0.210	0.150	1.49	1974
1975	0.839	4.35	3.41	2.88	0.696	0.020	0.216	0.023	0.036	0.007	0.036	0.122	1.03	1975
1976	0.105	5.03	6.22	1.52	1.21	0.097	0.284	0.214	0.147	0.263	0.334	0.105	1.28	1976
1977	0.062	0.520	5.49	0.824	0.099	0.051	0.272	0.116	0.824	2.59	1.88	3.08	1.13	1977
1978	0.547	0.285	5.96	8.43	1.73	0.096	0.007	0.085	0.512	0.293	0.383	0.445	1.57	1978
1979	0.944	0.250	10.0	4.52	1.12	0.145	0.031	0.054	0.058	0.255	1.74	3.89	1.94	1979
1980	1.11	0.167	4.32	4.29	0.664	0.227	0.550	0.088	0.094	0.282	0.464	0.829	1.09	1980
1981	0.108	7.27	0.506	0.274	0.382	0.056	0.105	0.027	0.290	1.34	1.83	0.491	1.01	1981
1982	0.519	0.124	9.97	3.31	0.025	2.43	0.152	0.203	---	---	---	---	---	1982
MEAN	0.787	1.54	5.45	3.49	0.832	0.426	0.234	0.072	0.171	0.399	0.710	1.05	1.24	MEAN

LOCATION - LAT 43 44 16 N DRAINAGE AREA, 194 km²
LONG 079 37 46 W REGULATED SINCE 1964

WEST HUMBER RIVER BELOW CLAIREVILLE DAM - STATION NO. 02HC034

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1965	---	---	---	---	1965
1966	28.9 AT 20:00 EST ON MAR 05	21.9 ON MAR 05	0 ON JUN 26 *	22 000	1966
1967	68.8 AT 23:30 EST ON JUN 10	31.4 ON APR 03	0.008 ON JUN 05	45 000	1967
1968	42.5 AT 07:00 EST ON NOV 29	28.1 ON NOV 29	0.017 ON JUN 24	38 700	1968
1969	37.7 AT 07:36 EST ON MAR 21	32.3 ON MAR 21	0 ON JUN 19	40 100	1969
1970	22.9 AT 01:01 EST ON APR 04	15.7 ON APR 04	0.005 ON JUL 14	24 000	1970
1971	45.3 AT 09:59 EST ON APR 02	18.2 ON APR 02	0.001 ON JUN 23	26 500	1971
1972	58.0 AT 23:59 EST ON APR 11	45.9 ON APR 13	0 ON JUL 27	42 800	1972
1973	54.7 AT 21:50 EST ON MAR 11	30.9 ON MAR 12	0.002 ON NOV 12	47 700	1973
1974	71.9E ON MAY 17 *	52.4E ON MAY 17 *	0.003 ON MAY 02	46 900	1974
1975	58.3 AT 02:43 EST ON FEB 25	49.6 ON FEB 25	0.002 ON OCT 09	32 400	1975
1976	42.5 AT 22:58 EST ON MAR 20	39.6 ON MAR 21	0.002 ON SEP 15	40 500	1976
1977	40.5 AT 08:57 EST ON MAR 13	27.9 ON OCT 09	0.002 ON JUL 28	41 900	1977
1978	56.4 AT 23:37 EST ON APR 01	39.4 ON APR 01	0.002 ON JUL 02	49 400	1978
1979	53.8 AT 10:33 EST ON MAR 14	45.5 ON DEC 25	0 ON JUL 21	61 100	1979
1980	50.1 AT 22:00 EST ON MAR 21	32.4 ON MAR 21	0.004 ON SEP 12	34 600	1980
1981	54.2 AT 00:45 EST ON FEB 19	43.7 ON FEB 18	0 ON APR 10	31 900	1981
1982	---	---	0 ON MAY 06	---	1982
	E - ESTIMATED	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		39 100	MEAN

WEST HUMBER RIVER NEAR THISTLETOWN - STATION NO. 02HC008

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1956	---	---	---	---	2.43	0.314	1.64	1.81	0.203	0.141	0.155	1.57	---	1956
1957	1.27	2.98	2.50	0.968	0.382	0.947	0.243	0.082	0.099	0.103	0.180	0.926	0.877	1957
1958	0.128	0.526	2.61	0.528	0.088	0.018	0.029	0.014	0.050	0.043	0.097	0.053	0.349	1958
1959	0.143	0.127	0.712	4.12	0.784	0.219	0.106	0.096	0.133	0.137	0.214	0.432	0.599	1959
1960	0.160	0.311	4.68	7.39	5.99	0.352	0.275	0.066	0.012	0.029	0.048	0.075	1.62	1960
1961	0.005	1.48	2.34	2.69	0.811	0.184	0.322	0.077	0.066	0.054	0.098	0.101	0.695	1961
1962	0.057	0.036	2.59	0.528	0.052	0.012	0.067	0.038	0.066	0.278	2.63	1.19	0.886	1962
1963	0.085	0.028	4.45	0.699	0.766	0.142	0.050	0.053	0.044	0.033	0.110	0.042	0.360	1963
1964	0.468	0.080	3.22	1.43	0.401	0.040	0.013	0.017	0.007	0.016	0.030	0.153	0.493	1964
1965	0.276	3.93	2.42	5.11	0.367	0.068	0.078	0.043	0.035	---	---	---	---	1965
MEAN	0.288	1.06	2.97	2.61	1.21	0.230	0.282	0.230	0.080	0.093	0.396	0.505	0.737	MEAN

LOCATION - LAT 43 43 50 N DRAINAGE AREA, 205 km²
LONG 079 33 15 W REGULATED

WEST HUMBER RIVER NEAR THISTLETOWN - STATION NO. 02HC008

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1956	---	---	---	---	1956
1957	---	27.6 E ON FEB 26	0.028 ON AUG 12	27 600	1957
1958	---	5.89 ON MAR 23	0 ON JUN 16 *	11 000	1958
1959	---	21.0 ON APR 01	0.031 ON OCT 22	18 900	1959
1960	---	63.7 E ON MAR 31 *	0.008E ON SEP 06	51 200	1960
1961	---	11.9 E ON MAR 25	0 B ON JAN 07	21 900	1961
1962	---	25.0 ON NOV 10	0.006 ON AUG 23	27 900	1962
1963	---	11.8 ON MAR 27	0.023 ON SEP 11	12 000	1963
1964	---	12.5 ON MAR 15	0.003 ON SEP 30	15 600	1964
1965	---	59.5 B ON FEB 11	---	---	1965
	B - ICE CONDITIONS E - ESTIMATED	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		23 300	MEAN

WEST MONTREAL RIVER AT MISTINIKON LAKE DAM - STATION NO. 02JD012

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1946	14.0	11.7	22.1	32.7	36.6	30.1	15.9	8.92	11.3	9.27	7.12	20.5	18.4	1946
1947	9.79	10.5	16.8	20.8	129	110	25.0	13.8	7.68	11.4	8.04	1.79	30.5	1947
1948	7.93	6.47	9.93	26.6	57.8	20.3	15.9	14.9	17.7	6.48	4.20	11.6	16.5	1948
1949	11.7	13.2	18.1	45.4	78.4	34.2	26.8	9.87	11.6	9.72	5.51	9.50	22.9	1949
1950	8.06	8.35	11.7	17.0	97.1	45.6	22.2	6.34	9.91	12.8	4.40	5.37	20.8	1950
1951	8.59	16.0	17.5	106	57.3	21.1	14.4	5.39	8.50	48.5	43.6	19.3	30.5	1951
1952	4.48	9.09	14.2	28.5	54.6	15.1	3.46	3.24	8.18	10.8	6.38	4.46	13.6	1952
1953	6.37	12.7	23.2	67.1	74.3	22.2	17.0	25.2	8.46	6.55	7.67	5.99	23.3	1953
1954	13.8	14.0	18.1	59.2	78.7	46.1	14.0	5.63	6.54	26.2	28.3	10.6	26.8	1954
1955	9.75	12.4	6.33	36.4	35.8	17.3	11.4	17.7	2.35	0.294	12.5	18.3	15.1	1955
1956	13.9	10.2	16.1	16.6	90.1	32.1	13.6	9.72	6.77	16.6	11.9	4.29	20.2	1956
1957	6.06	4.26	20.9	44.1	52.2	21.2	68.2	18.6	6.51	12.4	18.4	15.0	24.1	1957
1958	14.2	14.0	9.52	12.1	31.0	25.4	14.8	14.1	7.02	10.2	21.4	10.3	15.3	1958
1959	6.69	6.32	18.7	20.3	66.1	17.6	6.64	5.00	1.97	8.45	17.0	12.9	15.7	1959
1960	6.39	13.6	16.6	36.9	190	43.9	16.5	4.62	17.2	7.55	0.912	9.66	30.4	1960
1961	6.07	4.64	8.77	11.7	54.7	47.5	33.8	18.9	28.8	24.0	13.4	20.4	22.8	1961
1962	17.0	14.7	15.6	23.6	115	9.35	0	4.97	17.4	16.5	10.1	9.18	21.2	1962
1963	9.83	8.08	8.04	45.9	61.6	30.7	16.9	5.31	12.5	14.3	0.649	4.94	18.3	1963
1964	6.47	6.82	20.1	46.2	79.0	59.2	16.4	1.72	2.06	7.18	6.33	6.14	21.5	1964
1965	7.92	9.79	11.5	11.5	62.0	16.0	8.29	5.01	12.4	30.7	18.8	15.7	17.6	1965
1966	14.0	15.0	15.4	52.7	62.1	34.6	1.78	0	0	8.56	18.8	32.0	21.2	1966
1967	8.26	6.30	11.2	64.1	121	30.6	1.76	7.40	12.8	9.12	22.6	18.2	26.2	1967
1968	15.4	13.2	21.9	41.7	37.3	40.2	16.1	7.84	9.97	15.7	13.2	7.54	20.0	1968
1969	7.09	14.4	18.8	28.3	57.1	23.7	11.2	6.02	5.05	7.90	23.8	15.8	18.3	1969
1970	12.8	13.2	15.3	15.9	64.6	51.4	30.4	13.2	9.69	14.6	10.5	13.9	22.2	1970
1971	10.3	14.0	18.4	50.2	77.4	28.3	9.03	9.86	4.45	8.62	8.71	15.4	21.3	1971
1972	13.4	14.6	16.8	14.4	72.9	25.4	14.0	16.2	16.2	14.3	11.0	10.4	20.0	1972
1973	8.58	10.2	18.0	33.1	70.7	42.5	22.2	14.8	14.8	17.7	19.9	15.2	24.0	1973
1974	11.3	12.1	16.6	26.1	103	34.9	16.1	10.4	3.26	14.5	14.8	10.7	23.0	1974
1975	10.8	10.4	14.5	19.2	69.2	50.0	7.20	1.75	2.41	4.06	3.74	7.52	16.8	1975
1976	10.7	13.9	15.4	63.7	70.8	18.3	7.93	5.50	7.09	16.7	9.85	9.20	23.1	1976
1977	10.4	8.41	14.8	65.2	43.4	10.5	6.01	3.62	7.46	10.2	12.8	12.2	16.1	1977
1978	11.0	15.2	17.0	17.8	77.2	30.2	11.8	8.91	10.9	17.0	10.5	10.7	19.9	1978
1979	13.0	11.5	19.6	72.7	153	43.3	16.0	8.21	5.14	11.9	20.2	18.9	33.0	1979
1980	7.71	5.66	8.95	27.3	67.4	15.2	6.98	7.16	8.88	16.9	12.5	15.2	16.7	1980
1981	12.9	9.41	14.5	59.7	32.7	33.0	16.7	7.18	7.14	13.5	13.8	13.6	19.5	1981
1982	13.6	12.1	12.4	24.1	45.3	16.2	9.28	5.66	8.94	19.0	17.7	17.1	16.8	1982
1983	14.7	12.9	17.5	18.6	80.0	48.4	12.8	12.6	9.55	16.5	14.9	16.3	23.2	1983
1984	14.9	16.2	17.4	36.2	37.8	34.8	36.7	18.3	9.52	14.0	21.9	21.8	23.3	1984
1985	18.4	14.1	16.6	29.7	88.2	28.3	14.8	9.85	7.93	9.80	16.9	18.9	22.9	1985
1986	15.8	15.6	18.1	41.9	47.4	17.7	7.16	12.5	16.5	22.9	24.0	15.3	20.5	1986
1987	13.1	16.1	19.1	16.6	19.7	12.4	16.0	7.68	3.29	11.5 R	8.67	14.5	13.2 R	1987
1988	14.3	12.5	16.8	70.5	73.8	21.3	7.30	8.01	8.91	13.1	41.9	25.9	26.2	1988
1989	18.6	23.2	13.4	19.8	89.1	46.9	18.0	6.73	4.68	3.31	16.3	13.5	22.8	1989
1990	13.0	14.3	19.0	35.5	63.7	29.9	31.2	10.7	7.31	29.6	31.0	27.0	26.1	1990
MEAN	11.2	11.9	15.6	37.4	71.7	31.8	15.8	9.31	9.04	14.0 R	14.8	13.6	21.4 R	MEAN

LOCATION - LAT 48 02 25 N
LONG 080 42 14 W

DRAINAGE AREA, 1 780 km²
REGULATED

R - REVISED SINCE JAN 01 1989

WEST MONTREAL RIVER AT MISTINIKON LAKE DAM - STATION NO. 02JD012

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1946	---	74.8 ON MAY 31	0 ON NOV 09 *	580 000	1946
1947	---	154 ON MAY 19	0 ON SEP 27	960 000	1947
1948	---	85.0 ON APR 27	0 ON OCT 17	523 000	1948
1949	---	117 ON APR 28	0 ON NOV 25	722 000	1949
1950	---	148 ON MAY 14	0 ON NOV 17	657 000	1950
1951	---	194 ON APR 19	1.25 ON AUG 02	962 000	1951
1952	---	86.1 ON APR 27	0 ON JUL 09	429 000	1952
1953	---	103 ON MAY 08	0 ON SEP 17	734 000	1953
1954	---	144 ON APR 30	0 ON OCT 05	845 000	1954
1955	---	83.8 ON APR 21	0 ON JUL 07	475 000	1955
1956	---	139 ON MAY 20	0 ON SEP 05	640 000	1956
1957	---	173 ON APR 29	0 ON SEP 05	762 000	1957
1958	---	38.5 ON MAY 03	0 ON APR 18	484 000	1958
1959	---	99.1 ON MAY 08	0 ON JUL 10	496 000	1959
1960	---	289 ON MAY 13	0 ON AUG 24	962 000	1960
1961	---	72.8 ON MAY 09	0.793 ON APR 21	720 000	1961
1962	---	197 ON MAY 07	0 ON JUN 24	669 000	1962
1963	---	113 ON MAY 03	0 ON AUG 24	576 000	1963
1964	---	154 ON MAY 03	0.170 ON SEP 17	679 000	1964
1965	---	87.2 ON MAY 03	0 ON SEP 08	554 000	1965
1966	---	167 ON APR 30	0 ON JUL 23	670 000	1966
1967	---	297 ON MAY 05 *	0 ON JUL 06	826 000	1967
1968	---	78.7 ON JUN 15	1.95 ON DEC 05	632 000	1968
1969	---	94.0 ON APR 29	0 ON JAN 17	576 000	1969
1970	---	88.9 ON MAY 20	2.55 ON NOV 19	700 000	1970
1971	---	144 ON MAY 03	1.36 ON SEP 15	671 000	1971
1972	---	137 ON MAY 11	7.14 ON DEC 30	634 000	1972
1973	---	102 ON MAY 05	6.43 ON JAN 23	758 000	1973
1974	---	158 ON MAY 06	0 ON SEP 19	724 000	1974
1975	---	135 ON MAY 11	0 ON JUL 12	529 000	1975
1976	---	199 ON APR 22	0 ON APR 16	731 000	1976
1977	---	175 ON APR 24	0 ON APR 15	538 000	1977
1978	---	129 ON MAY 17	0 ON MAY 24	628 000	1978
1979	---	257 ON MAY 04	1.19 ON SEP 11	1 040 000	1979
1980	---	114 ON APR 30	0 ON APR 19	529 000	1980
1981	---	93.6 ON APR 16	0.200 ON APR 07	615 000	1981
1982	---	90.2 ON MAY 03	3.60 ON AUG 18	530 000	1982
1983	---	112 ON MAY 09	2.50 ON APR 29	732 000	1983
1984	---	83.6 ON APR 29	7.60 ON SEP 24	737 000	1984
1985	---	173 ON MAY 01	0 ON APR 24	721 000	1985
1986	---	81.5 ON APR 26	0.500 ON JUL 12	648 000	1986
1987	---	34.6 ON APR 13	0 ON APR 16	416 000	1987
1988	---	120 ON MAY 06	0 ON SEP 30	828 000	1988
1989	---	129 ON MAY 24	0 ON APR 26	719 000	1989
1990	---	105 ON MAY 23	5.60 ON SEP 19	824 000	1990
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		675 000	MEAN

WHITE RIVER AT BERTRAND - STATION NO. 02BC002

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1953	---	---	---	---	108	54.6	19.1	6.91	5.41	5.37	6.49	12.4	---	1953
1954	8.96	7.99	8.25	26.5	111	39.0	11.8	5.79	4.05	9.43	12.8	9.81	21.4	1954
1955	8.00	7.06	6.77	60.3	48.0	29.5	9.04	3.80	2.91	15.9	22.3	16.2	19.1	1955
1956	11.9	9.21	7.24	22.8	84.0	48.3	26.8	8.98	10.6	16.7	14.9	13.4	21.9	1956
1957	9.92	7.65	7.27	46.7	81.1	33.1	30.4	8.41	13.3	11.5	19.7	19.1	24.3	1957
1958	12.4	8.11	6.50	50.3	44.8	49.2	---	---	---	---	12.6	22.5	---	1958
1959	14.0	9.00	7.65	16.7	102	49.3	13.3	11.7	41.8	54.5	41.2	21.8	32.2	1959
1960	15.3	13.4	9.33	34.6	117	37.6	---	---	---	---	---	---	---	1960
MEAN	11.5	8.92	7.57	37.4	87.0	42.6	18.4	7.60	13.0	18.9	21.4	16.5	24.0	MEAN

LOCATION - LAT 48 40 00 N LONG 085 42 00 W DRAINAGE AREA, 2 400 km² REGULATED

WHITE RIVER AT BERTRAND - STATION NO. 02BC002

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1953	---	144 ON MAY 09	4.08 ON NOV 01	---	1953
1954	---	186 ON MAY 04	3.62 ON SEP 04	675 000	1954
1955	---	123 ON APR 22	2.24 ON SEP 15 *	604 000	1955
1956	---	151 ON MAY 17	6.23 ON AUG 30	745 000	1956
1957	---	214 ON APR 29 *	5.24 ON AUG 30	765 000	1957
1958	---	132 ON APR 26	---	---	1958
1959	---	194 ON MAY 09	6.00 ON AUG 17	1 020 000	1959
1960	---	151 ON MAY 07	---	---	1960
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		758 000	MEAN

WHITE RIVER AT REGAN - STATION NO. 02BC003

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1949	44.9	29.9	20.3	38.5	160	73.1	62.7	24.0	12.4	62.1	80.3	36.1	53.9	1949
1950	25.7	20.4	19.4	22.7	176	206	102	46.6	11.9	28.9	---	---	---	1950
1951	20.8	17.1	15.6	60.7	241	87.5	82.6	28.1	12.4	65.3	66.3	53.4	63.0	1951
1952	30.5	20.4	15.8	40.1	102	101	39.8	41.1	14.1	20.7	38.0	33.2	41.4	1952
1953	25.8	21.0	---	45.1	208	147	39.1	19.9	28.4	16.8	---	20.4	---	1953
1954	20.4	16.0	15.7	27.6	201	60.5	23.1	26.0	17.3	15.7	47.0	28.4	41.8	1954
1955	18.3	14.4	13.4	56.7	88.9	51.7	56.2	5.19	5.57	---	---	---	---	1955
MEAN	26.6	19.9	16.7	41.7	168	104	57.9	27.3	14.6	34.9	57.9	35.9	50.0	MEAN

LOCATION - LAT 48 42 00 N
LONG 085 38 00 W REGULATED

WHITE RIVER AT REGAN - STATION NO. 02BC003

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1949	---	223 ON MAY 10	11.5 E ON AUG 20	1 700 000	1949
1950	---	328 ON MAY 28	9.15E ON AUG 27	---	1950
1951	---	362 ON MAY 09 *	9.15RE ON SEP 03	1 990 000	1951
1952	---	183 ON JUN 08	12.8 E ON JUL 15	1 310 000	1952
1953	---	---	---	---	1953
1954	---	249 ON MAY 18	13.5 E ON SEP 26	1 320 000	1954
1955	---	155E ON JUL 11	4.56E ON JUL 29 *	---	1955
	E - ESTIMATED	* - EXTREME RECORDED FOR THE PERIOD OF RECORD R - REVISED SINCE JAN 01 1989		1 580 000	MEAN

WHITE RIVER BELOW WHITE LAKE - STATION NO. 02BC004

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1959	---	---	---	---	---	---	---	---	---	92.7	92.5	44.8	---	1959
1960	29.9	22.2	17.2	44.5	238	112	33.4	14.1	1.71	8.85	38.5	29.2	49.3	1960
1961	21.8	14.5	14.2	42.7	168	92.9	56.1	5.25	3.43	120	80.0	61.7	57.0	1961
1962	38.6	25.6	19.3	21.1	135	91.7	28.3	29.4	41.8	45.8	47.1	36.3	46.8	1962
1963	26.6	20.7	16.9	48.9	159	166	59.1	24.9	10.4	20.8	32.5	23.4	50.8	1963
1964	19.6	17.5	16.8	45.1	248	113	84.8	39.9	38.3	65.2	58.7	41.7	66.0	1964
1965	30.1	22.1	18.4	24.9	154	90.1	38.2	26.5	30.3	63.0	52.8	46.0	50.0	1965
1966	32.4	25.3	24.8	45.0	209	152	20.3	27.3	35.2	43.8	60.3	50.5	60.6	1966
1967	34.9	25.2	19.4	96.3	209	99.4	20.6	12.1	17.1	23.4	24.0	19.6	50.1	1967
1968	15.0	12.2	11.1	62.9	74.7	79.2	138	88.6	68.1	80.5	80.4	47.4	63.3	1968
1969	32.7	26.0	19.9	53.6	166	69.1	43.9	17.8	14.9	19.7	20.8	21.1	42.2	1969
1970	17.1	14.0	11.6	14.6	141	76.5	32.8	17.3	29.3	50.6	51.2	47.6	42.2	1970
1971	29.7	21.2	18.5	41.6	151	132	39.7	19.9	11.8	58.1	86.3	72.7	57.1	1971
1972	39.3	25.8	21.0	20.9	178	68.1	37.7	37.0	58.5	62.1	46.6	32.2	52.4	1972
1973	24.0	19.2	22.3	77.3	188	82.7	76.8	40.4	52.0	57.7	42.7	38.4	60.4	1973
1974	28.3	21.5	18.8	26.8	186	107	47.1	27.9	50.0	107	93.1	54.0	64.2	1974
1975	31.2	23.4	19.2	21.4	142	63.2	39.3	17.9	16.5	13.8	24.7	39.0	37.8	1975
1976	26.8	18.7	15.7	120	173	50.0	13.3	9.36	25.2	10.8	6.77	8.07	39.8	1976
1977	8.34	8.70	14.4	87.3	109	45.8	32.3	7.72	86.2	91.9	56.5	35.9	48.7	1977
1978	23.4	18.0	14.2	---	---	---	48.1	31.0	21.6	19.9	25.1	21.4	---	1978
1979	17.8	14.8	15.3	37.8	313	168	49.9	14.9	45.1	73.3	134	66.5	79.6	1979
1980	36.3	24.3	18.6	34.5	181	65.9	22.3	18.2	22.6	65.8	52.8	32.8	48.1	1980
1981	21.7	17.0	18.8	67.3	157	79.0	37.4	14.8	10.5	16.0	25.2	26.9	40.5	1981
1982	24.4	14.9	10.8	16.9	177	71.4	84.4	53.5	28.9	89.4	122	61.7	65.9	1982
1983	49.6	30.4	25.9	32.9	176	112	42.0	13.4	10.9	54.0	91.7	41.7	54.7	1983
1984	27.0	20.2	17.5	45.0	131	104	88.1	42.0	23.4	24.1	60.8	45.8	50.8	1984
1985	33.0	20.6	17.8	40.1	130	51.3	37.3	42.4	34.0	99.4	86.2	47.3	53.5	1985
1986	28.7	21.1	17.1	74.5	161	34.4	22.7	17.8	27.5	43.8	86.1	44.0	48.3	1986
1987	26.2	19.8	16.8	45.9	54.6	30.5	36.8	41.8	30.8	30.4	54.6	57.0	38.0	1987
1988	35.1	23.7	18.6	73.8	160	76.8	17.6	17.7	24.6	37.0	54.3	57.0	49.7	1988
1989	33.9	24.1	18.6	22.4	212	112	22.1	11.6	12.4	10.2	37.8	30.0	45.7	1989
1990	20.0	15.9	17.2	45.0	167	52.2	37.2	26.3	25.3	27.6	51.1	50.0	44.8	1990
MEAN	27.9	20.3	17.6	47.7	168	88.4	44.8	26.4	29.3	50.8	57.0	42.5	51.9	MEAN

LOCATION - LAT 48 39 19 N
LONG 085 44 32 W DRAINAGE AREA, 4 170 km^2
REGULATED

WHITE RIVER BELOW WHITE LAKE - STATION NO. 02BC004

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1959	---	131 E ON NOV 04	35.7 B ON DEC 31	---	1959
1960	297 E AT 19:20 EST ON MAY 09	262 E ON MAY 10	1.42 ON AUG 01	1 560 000	1960
1961	242 AT 18:30 EST ON MAY 24	239 ON MAY 22	1.13 ON AUG 17 *	1 800 000	1961
1962	173 AT 08:30 EST ON MAY 13	169 ON MAY 12	3.23 ON JUL 23	1 480 000	1962
1963	245 AT 09:30 EST ON JUN 24	229 ON JUN 24	0.18 ON SEP 07	1 600 000	1963
1964	306 AT 11:30 EST ON MAY 12	300 ON MAY 12	16.1 B ON APR 01	2 090 000	1964
1965	188 AT 08:00 EST ON MAY 16	187 ON MAY 16	16.7 RB ON APR 05	1 580 000	1965
1966	234 AT 10:45 EST ON MAY 27	231 ON MAY 26	1.87 ON OCT 01	1 910 000	1966
1967	234 AT 14:00 EST ON MAY 11	233 ON MAY 09	6.51 ON JUL 13	1 580 000	1967
1968	203 AT 13:00 EST ON JUL 24	201 ON JUL 24	10.0 ON MAR 16	2 000 000	1968
1969	202 AT 02:00 EST ON MAY 11	201 ON MAY 10	13.1 ON OCT 05	1 330 000	1969
1970	165 AT 13:55 EST ON MAY 08	162 ON MAY 08	9.97 ON APR 08	1 330 000	1970
1971	220 AT 12:43 EST ON MAY 30	219 ON MAY 30	5.97 ON SEP 18	1 800 000	1971
1972	228 AT 02:32 EST ON MAY 18	226 ON MAY 18	16.7 ON APR 15	1 660 000	1972
1973	251 AT 02:46 EST ON MAY 16	249 ON MAY 16	16.8 ON MAR 06	1 900 000	1973
1974	212 AT 13:12 EST ON MAY 18	210 ON MAY 17	17.0 ON APR 10	2 030 000	1974
1975	193 AT 02:00 EST ON MAY 13	192 ON MAY 13	11.0 ON OCT 21	1 190 000	1975
1976	317 AT 20:40 EST ON APR 27	317 ON APR 27	6.23 ON OCT 28	1 260 000	1976
1977	208 AT 16:07 EST ON APR 27	206 ON APR 27	2.97 ON AUG 15	1 540 000	1977
1978	---	---	---	---	1978
1979	428 AT 11:07 EST ON MAY 16 *	425 ON MAY 16 *	13.0 ON JUL 23	2 510 000	1979
1980	244 AT 11:48 EST ON MAY 08	243 ON MAY 08	14.7 ON SEP 04	1 520 000	1980
1981	199 AT 14:43 EST ON MAY 12	198 ON MAY 12	8.95 ON OCT 05	1 280 000	1981
1982	240 AT 05:11 EST ON MAY 14	239 ON MAY 13	10.6 ON MAR 10	2 080 000	1982
1983	197 AT 08:20 EST ON MAY 17	196 ON MAY 15	9.94 ON SEP 08	1 720 000	1983
1984	168 AT 16:29 EST ON MAY 11	165 ON MAY 11	15.6 ON APR 03	1 610 000	1984
1985	181 AT 07:17 EST ON MAY 03	180 ON MAY 02	16.4 ON APR 14	1 690 000	1985
1986	227 AT 14:50 EST ON MAY 05	225 ON MAY 05	6.40 ON JUN 26	1 520 000	1986
1987	86.6 AT 11:28 EST ON APR 23	82.1 ON APR 22	8.72 ON MAY 30	1 200 000	1987
1988	192 AT 13:07 EST ON MAY 18	190 ON MAY 18	9.91 ON JUL 31	1 570 000	1988
1989	301 AT 22:00 EST ON MAY 21	297 ON MAY 22	9.08 ON OCT 19	1 440 000	1989
1990	232 AT 19:02 EST ON MAY 04	232 ON MAY 04	12.8 ON MAR 10	1 410 000	1990
	B - ICE CONDITIONS E - ESTIMATED	* - EXTREME RECORDED FOR THE PERIOD OF RECORD R - REVISED SINCE JAN 01 1989		1 640 000	MEAN

WHITEFISH RIVER AT NOLALU - STATION NO. 02AB017

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1980	0.350	0.223	0.174	5.27	1.75	0.573	0.484	0.523	6.47	2.23	1.55	0.602	1.67	1980
1981	0.411	0.421	0.785	12.4	4.21	4.39	0.674	0.320	0.199	1.02	0.797	0.306	2.15	1981
1982	0.148	0.128	0.148	7.18	6.28	1.23	5.53	0.838	1.05	6.37	5.93	1.83	3.07	1982
1983	0.521	0.436	0.578	5.35	5.40	2.53	3.87	0.719	0.549	1.84	2.47	4.07	2.37	1983
1984	0.550	0.470	0.365	7.65	5.97	3.79	1.01	0.809	0.456	1.09	1.14	2.23	2.12	1984
1985	0.549	0.179	0.531	7.26	4.18	4.64	2.69	1.20	3.22	5.22	2.27	0.845	2.74	1985
1986	0.528	0.407	0.614	13.7	6.41	1.37	0.756	0.491	0.513	0.640	1.94	0.494	2.32	1986
1987	0.320	0.289	0.347	1.48	1.24	0.731	0.534	2.96	1.81	1.25	0.985	0.379	1.03	1987
1988	0.175	0.123	0.403	5.04	3.14	0.941	0.324	1.70	2.12	1.02	3.07	1.01	1.58	1988
1989	0.511	0.294	0.239	7.45	7.79	3.19	0.988	0.346	0.625	0.343	0.414	0.236	1.87	1989
1990	0.157	0.103	0.273	4.33	3.28	3.80	2.86	0.394	0.291	0.936	1.16	0.552	1.51	1990
MEAN	0.384	0.279	0.405	7.01	4.51	2.47	1.79	0.936	1.57	2.00	1.98	1.14	2.04	MEAN

LOCATION - LAT 48 17 30 N LONG 089 48 33 W
DRAINAGE AREA, 210 km²
NATURAL FLOW

WHITEFISH RIVER AT NOLALU - STATION NO. 02AB017

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1980	29.4 AT 18:29 EST ON SEP 13	21.0 ON SEP 14	0.137 ON AUG 12	52 900	1980
1981	29.1 AT 20:20 EST ON APR 10	20.7 ON APR 11	0.140 ON SEP 25	67 900	1981
1982	---	20.4 ON APR 25	0.120B ON FEB 14	96 800	1982
1983	27.5E AT 01:00 EST ON JUL 04	23.1E ON JUL 04	0.341 ON SEP 08	74 800	1983
1984	34.7 AT 20:11 EST ON APR 27	22.6 ON APR 28	0.283 ON SEP 02	67 200	1984
1985	28.4 AT 13:40 EST ON APR 21	23.3 ON APR 23	0.162B ON MAR 13	86 300	1985
1986	54.2 AT 11:10 EST ON APR 29 *	37.8 ON APR 29 *	0.260 ON AUG 31	73 100	1986
1987	21.4 AT 10:05 EST ON AUG 12	14.8 ON AUG 13	0.164 ON JUL 01	32 500	1987
1988	21.4 AT 12:39 EST ON NOV 16	15.3 ON NOV 16	0.113B ON FEB 26	50 100	1988
1989	23.9 AT 23:40 EST ON APR 26	23.2 ON APR 27	0.132 ON AUG 19	59 000	1989
1990	23.1 AT 12:22 EST ON JUN 17	18.1 ON APR 28	0.043 ON AUG 24 *	47 700	1990
	B - ICE CONDITIONS E - ESTIMATED	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		64 400	MEAN

WHITEMANS CREEK NEAR BURFORD - STATION NO. 02GB003

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1913	---	---	---	---	---	---	---	---	---	---	---	---	---	1913
1914	2.19	2.95	6.26	6.80	5.04	5.43	1.00	0.915	1.98	1.02	3.09 / 2.14	1.84 / 2.64	3.19	1914
1915	2.68	7.81	6.92	3.82	1.73	1.15	1.11	5.31	2.91	3.19	3.30	2.86	3.54	1915
1916	13.9	7.57	8.85	10.7	7.67	8.04	1.03	0.695	---	---	---	---	---	1916
MEAN	6.26	6.11	7.34	7.11	4.81	4.87	1.05	2.31	2.45	2.11	2.84	2.45	3.37	MEAN

LOCATION - LAT 43 08 55 N LONG 080 21 20 W DRAINAGE AREA, 399 km² REGULATED DATA CONTRIBUTED BY - ONTARIO HYDRO

WHITEMANS CREEK NEAR BURFORD - STATION NO. 02GB003

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1913		---	---	---	1913
1914	---	54.9 ON JUN 09 *	0.283 ON AUG 08 *	101 000	1914
1915	---	21.7 ON FEB 25	0.566 ON JUN 01	112 000	1915
1916	---	47.0 ON MAR 30	---	---	1916
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		107 000	MEAN

WHITEMANS CREEK NEAR MOUNT VERNON - STATION NO. 02GB008

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1961	---	---	4.86	5.35	3.45	1.45	1.14	0.999	0.754	0.594	1.17	1.71	---	1961
1962	0.965	0.864	5.95	4.68	1.65	1.34	0.678	1.14	0.770	1.42	3.21	3.24	2.50	1962
1963	1.10	0.815	10.6	4.61	2.85	1.31	0.698	0.567	0.508	0.466	0.627	0.617	2.08	1963
1964	1.03	1.13	5.75	5.82	2.74	0.960	0.665	2.05	1.17	0.814	0.925	3.15	2.19	1964
1965	3.79	10.3	9.54	15.7	3.89	1.22	1.06	0.925	0.623	1.10	2.08	5.13	4.56	1965
1966	2.85	3.89	10.3	5.57	3.23	1.98	0.557	0.716	0.713	0.748	2.12	9.03	3.48	1966
1967	5.15	3.43	8.91	12.8	3.86	3.83	3.05	2.23	1.32	3.57	5.29	8.51	5.17	1967
1968	2.56	11.8	10.7	4.85	2.47	1.77	1.14	0.639	1.03	1.16	2.07	3.88	3.64	1968
1969	5.03	6.42	9.58	11.3	6.02	2.17	0.898	0.742	0.500	0.789	1.97	1.60	3.90	1969
1970	1.18	2.19	6.70	8.91	3.19	1.17	1.37	0.760	0.830	1.08	2.30	4.53	2.85	1970
1971	2.42	2.99	10.5	11.1	2.07	1.19	0.711	0.484	0.492	0.559	0.663	1.51	2.86	1971
1972	2.40	1.42	12.6	15.1	4.20	2.43	2.86	3.33	1.42	2.30	5.13	5.44	4.88	1972
1973	6.99	5.16	21.0	8.31	4.65	2.24	1.26	0.819	0.515	0.862	4.71	4.94	5.13	1973
1974	8.53	6.44	12.0	9.21	8.53	2.84	1.62	0.846	0.810	0.860	2.02	1.99	4.64	1974
1975	3.20	6.47	11.8	9.57	2.68	2.68	1.23	1.70	2.68	1.72	2.59	4.47	4.21	1975
1976	2.79	14.0	20.8	8.64	7.40	2.05	2.77	3.52	1.77	2.16	4.41	2.02	5.84	1976
1977	1.22	1.33	16.6	8.52	2.26	1.49	1.34	1.42	5.21	6.54	4.02	9.76	5.01	1977
1978	3.26	2.48	10.1	19.7	4.43	1.65	0.822	0.796	1.95	1.99	2.64	1.80	4.46	1978
1979	4.53	2.90	16.3	17.0	4.76	1.98	1.02	2.33	1.59	2.24	5.60	9.48	5.83	1979
1980	4.95	2.01	10.5	12.1	5.01	2.30	1.78	1.60	1.21	1.84	1.90	2.97	4.02	1980
1981	1.29	13.0	5.26	5.24	3.32	1.95	1.16	1.57	5.71	5.25	3.80	2.65	4.11	1981
1982	2.52	1.72	14.2	18.9	4.15	6.22	1.95	1.89	2.77	2.67	7.04	13.4	6.47	1982
1983	5.07	6.75	6.29	8.10	8.55	3.20	2.99	7.83	2.16	2.70	3.94	8.23	5.40	1983
1984	2.89	18.5	10.8	9.48	4.14	5.18	2.05	0.951	1.85	1.42	2.89	4.83	5.35	1984
1985	4.64	9.05	19.9	13.0	2.38	1.78	1.89	1.65	3.05	4.34	14.8	6.80	6.91	1985
1986	5.21	3.07	15.1	6.30	4.59	2.70	1.70	1.61	2.30	7.30	3.85	7.13	5.10	1986
1987	4.31	4.35	10.0	11.2	2.19	1.53	1.95	0.873	0.860	1.22	2.52	7.28	3.87	1987
1988	2.15	3.43	7.44	4.95	2.55	0.923	0.794	1.75	0.796	1.91	4.74	2.98	2.80	1988
1989	3.85	2.71	5.50	5.48	2.20	3.11	1.04	0.546	0.557	0.807	2.03	1.26	2.42	1989
1990	5.23	8.80	10.5	4.88	4.76	2.18	3.11	1.49	1.27	3.92	5.47	9.56	5.08	1990
MEAN	3.49	5.32	11.1	9.55	3.94	2.23	1.48	1.59	1.56	2.14	3.48	5.06	4.30	MEAN

LOCATION - LAT 43 07 33 N LONG 080 23 05 W DRAINAGE AREA, 383 km² REGULATED

WHITEMANS CREEK NEAR MOUNT VERNON - STATION NO. 02GB008

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1961	---	---	---	---	1961
1962	---	21.4 ON MAR 13	0.212 ON JUL 19	79 000	1962
1963	---	42.2 ON MAR 27	0.433 ON JUL 13	65 600	1963
1964	---	13.5 ON APR 09	0.249 ON AUG 01	69 200	1964
1965	---	64.3 ON FEB 11	0.583 ON SEP 17	144 000	1965
1966	---	32.6 ON DEC 09	0.232 ON JUL 23	110 000	1966
1967	---	52.4A ON APR 03	0.827 ON SEP 20	163 000	1967
1968	---	54.1 ON FEB 03	0.467 ON JUL 30	115 000	1968
1969	65.4 AT 03:00 EST ON JAN 31	50.7 ON JAN 31	0.193 ON AUG 14	123 000	1969
1970	23.6 AT 01:00 EST ON APR 05	22.7 ON APR 05	0.575 ON AUG 29	89 900	1970
1971	48.7 AT 23:11 EST ON APR 03	40.2 ON APR 04	0.176 ON AUG 08	90 300	1971
1972	41.9 AT 17:00 EST ON MAR 23	35.4 ON MAR 23	0.841 ON AUG 01	154 000	1972
1973	---	47.6E ON MAR 13	0.300 ON SEP 12	162 000	1973
1974	79.3E ON MAY 18	49.0 ON MAR 06	0.668 ON AUG 21	146 000	1974
1975	45.0 AT 16:33 EST ON FEB 26	34.3 ON FEB 26	0.575 ON AUG 02	133 000	1975
1976	60.0 AT 13:41 EST ON MAR 06	48.7 ON MAR 06	1.34 ON SEP 08	185 000	1976
1977	62.6 AT 15:35 EST ON MAR 14	60.0 ON MAR 14	0.685 ON JUL 31	158 000	1977
1978	49.0 AT 07:49 EST ON APR 02	43.9 ON APR 02	0.368 ON JUL 21	141 000	1978
1979	72.5 AT 14:25 EST ON APR 15	66.0 ON APR 15	0.249 ON JUL 24	184 000	1979
1980	66.2 AT 03:42 EST ON MAR 22	54.6 ON MAR 22	0.818 ON AUG 28	127 000	1980
1981	43.1 AT 06:21 EST ON FEB 21	42.2 ON FEB 21	0.440 ON JUL 18	130 000	1981
1982	84.9 AT 15:39 EST ON APR 01 *	74.7 ON APR 01 *	0.702 ON JUL 27	204 000	1982
1983	25.8 AT 22:07 EST ON AUG 01	22.9 ON AUG 02	0.829 ON JUL 28	170 000	1983
1984	68.0 AT 19:27 EST ON FEB 16	51.8 ON FEB 17	0.735 ON AUG 18	169 000	1984
1985	69.8 AT 09:00 EST ON FEB 25	63.3 ON FEB 25	0.750 ON JUL 29	218 000	1985
1986	49.2 AT 03:40 EST ON MAR 20	42.6 ON MAR 20	0.989 ON SEP 04	161 000	1986
1987	44.2 AT 08:34 EST ON APR 06	41.9 ON APR 07	0.553 ON SEP 10	122 000	1987
1988	23.8 AT 02:07 EST ON MAR 26	21.9 ON MAR 27	0.164 ON JUL 10 *	88 600	1988
1989	16.6 AT 10:10 EST ON MAR 31	15.6 ON MAR 31	0.384 ON AUG 28	76 200	1989
1990	60.6 AT 16:25 EST ON DEC 30	43.7 ON DEC 30	1.01 ON SEP 12	160 000	1990
	A - MANUAL GAUGE (SEE REFERENCE INDEX) E - ESTIMATED	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		136 000	MEAN

WHITESAND RIVER ABOVE SCHREIBER AT MINOVA MINE - STATION NO. 02BA005

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1989	---	---	0.030	0.272	0.912	0.205	0.080	0.066	0.039	0.029	0.208	0.010	---	1989
1990	0.006	0.006	0.171	0.625	0.280	0.193	0.096	0.028	0.119	0.486	0.225	0.054	0.191	1990
MEAN	0.006	0.006	0.101	0.449	0.596	0.199	0.088	0.047	0.079	0.258	0.217	0.032	0.191	MEAN

LOCATION - LAT 48 58 48 N DRAINAGE AREA, 20.9 km^2
LONG 087 21 53 W NATURAL FLOW

WHITESAND RIVER ABOVE SCHREIBER AT MINOVA MINE - STATION NO. 02BA005

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1989	1.87 AT 21:16 EST ON MAY 05	1.74 ON MAY 05	---	---	1989
1990	3.55 AT 23:23 EST ON APR 25 *	3.26 ON APR 26 *	0.004 ON SEP 07 *	6 030	1990
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		6 030	MEAN

WHITSON RIVER AT CHELMSFORD - STATION NO. 02CF007

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1960	---	---	---	---	---	---	---	2.06	1.39	2.23	3.34	1.79	---	1960
1961	0.763	0.441	0.786	6.25	4.13	4.68	4.09	1.97	3.79	3.00	3.19	2.14	2.96	1961
1962	1.22	0.878	1.90	12.7	5.55	1.12	0.546	0.415	0.422	0.597	0.770	0.634	2.22	1962
1963	0.466	0.410	0.801	11.5	2.18	1.39	0.258	0.451	0.462	0.402	0.939	0.751	1.68	1963
1964	0.506	0.644	0.784	10.4	3.03	1.06	0.575	0.439	0.863	1.94	1.71	1.60	1.95	1964
1965	1.38	1.15	0.883	15.6	3.02	0.854	0.587	1.37	4.23	4.41	4.52	3.92	3.48	1965
1966	3.37	2.50	7.54	8.26	2.43	1.65	0.523	0.562	0.425	1.32	4.67	6.66	3.34	1966
1967	2.10	1.84	2.03	20.9	7.08	3.29	1.52	1.59	1.24	2.80	5.78	3.54	4.46	1967
1968	1.15	0.937	4.75	8.45	2.82	1.77	2.15	1.51	3.30	2.55	1.58	1.95	2.74	1968
1969	0.910	1.06	2.37	15.2	3.39	2.23	1.21	1.04	0.476	2.18	6.29	1.85	3.17	1969
1970	1.22	1.11	1.17	11.3	4.87	7.67	1.82	0.772	2.59	4.63	3.44	3.13	3.64	1970
1971	1.71	1.16	2.57	19.2	3.70	1.89	0.718	0.622	0.552	2.17	1.69	3.14	3.16	1971
1972	1.44	1.22	1.44	13.2	7.21	1.40	0.819	4.34	2.05	2.82	2.76	1.12	3.29	1972
1973	1.12	1.02	10.4	6.76	5.08	1.76	1.51	2.63	1.01	1.75	2.58	1.08	3.14	1973
1974	1.00	0.871	1.11	13.7	3.28	3.51	1.46	0.609	0.605	1.70	3.98	1.36	2.76	1974
1975	1.17	0.903	1.19	14.9	4.53	1.71	0.606	0.526	0.685	1.41	1.95	2.50	2.67	1975
1976	0.654	0.525	3.11	16.3	4.53	2.67	1.23	0.790	1.36	1.40	1.04	0.594	2.75	1976
1977	0.464	0.450	5.08	12.2	1.60	0.764	1.00	1.03	2.26	4.12	3.82	1.97	2.89	1977
1978	1.17	0.909	1.05	12.5	5.53	1.14	1.20	1.42	2.26	6.06	2.38	1.85	3.12	1978
1979	1.25	0.935	4.62	25.3	6.89	1.64	1.40	0.828	1.04	1.70	4.16	2.84	4.38	1979
1980	2.31	0.973	1.62	17.4	6.23	1.47	0.918	0.916	2.26	4.24	2.32	1.13	3.47	1980
1981	0.696	2.94	5.43	12.8	2.73	1.54	1.36	0.598	2.79	4.28	2.35	1.22	3.21	1981
1982	0.731	0.633	0.885	16.0	3.50	1.58	0.752	0.538	0.904	2.58	3.33	4.42	2.98	1982
1983	2.52	1.17	5.74	10.8	7.47	3.15	0.751	0.654	0.597	1.62	1.54	1.14	3.10	1983
1984	0.755	2.44	2.57	2.41	7.69	2.59	5.21	2.14	1.03	1.96	2.64	5.11	4.23	3.18	1984
1985	1.36	0.933	2.02	20.2	4.27	1.36	2.00	1.29	0.992	1.63	3.31	1.58	3.40	1985
1986	1.06	0.657	1.55	14.2	2.97	1.49	0.952	1.07	0.658	1.99	2.42	0.829	2.56	1986
1987	0.607	0.564	4.00	8.01	1.94	1.00	0.667	0.330	0.281	0.565	0.676	0.878	1.63	1987
1988	0.631	0.822	1.37	18.1	4.70	1.29	0.777	0.761	0.891	3.69	8.17	2.76	3.64	1988
1989	1.84	1.38	1.63	17.6	3.63	5.21	1.21	0.794	0.553	0.739	1.16	0.724	3.02	1989
1990	0.844	0.884	7.53	5.76	7.82	3.08	2.77	0.709	0.615	1.90	5.31	4.53	3.50	1990
MEAN	1.22	1.08	2.98	13.4	4.29	2.25	1.26	1.09	1.40	2.39	3.08	2.21	3.05	MEAN

LOCATION - LAT 46 34 56 N
LONG 081 11 59 W
DRAINAGE AREA, 243 km²
NATURAL FLOW

REMARKS - DATA FROM NOV 1985 BASED AT NEW SITE 3.0 KM UPSTREAM OF ORIGINAL GAUGE. DRAINAGE AREA REVISED.

WHITSON RIVER AT CHELMSFORD - STATION NO. 02CF007

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1960	---	---	---	---	1960
1961	---	---	---	---	1961
1962	25.7 AT 11:00 EST ON APR 10	13.6 ON JUN 26	0.379RB ON FEB 23	93 200	1962
1963	---	25.3 ON APR 10	0.343 ON AUG 22	70 000	1963
1964	---	32.8B ON APR 04	0.326 ON OCT 04	53 100	1964
		40.2A ON APR 16	0.306 ON SEP 02	61 700	
1965	50.1 AT 04:00 EST ON APR 15	48.7 ON APR 15	0.416 ON AUG 06	110 000	1965
1966	27.2 AT 15:30 EST ON MAR 24	25.7 ON MAR 24	0.343A ON SEP 28	105 000	1966
1967	39.9B AT 08:00 EST ON APR 09	31.1B ON APR 09	0.765 ON SEP 20	141 000	1967
1968	27.9 AT 00:01 EST ON APR 01	26.6B ON MAR 31	0.580B ON JAN 29	86 700	1968
1969	41.1 AT 06:00 EST ON APR 14	40.2 ON APR 14	0.368 ON SEP 25	100 000	1969
1970	29.4 AT 16:33 EST ON JUN 04	29.2 ON JUN 04	0.422 ON AUG 11	115 000	1970
1971	48.1 AT 07:11 EST ON APR 19	47.6 ON APR 19	0.394 ON SEP 17	99 800	1971
1972	45.0 AT 00:30 EST ON APR 25	43.9 ON APR 25	0.286 ON JUL 09	104 000	1972
1973	---	21.8B ON MAR 16	0.651E ON SEP 18	99 200	1973
1974	38.2 AT 07:14 EST ON APR 18	37.7 ON APR 17	0.442 ON SEP 04	86 900	1974
1975	51.5 AT 04:10 EST ON APR 23	51.0 ON APR 23	0.368 ON AUG 01	84 200	1975
1976	44.5 AT 08:50 EST ON APR 04	43.6 ON APR 04	0.467B ON FEB 12	87 000	1976
1977	45.3 AT 04:49 EST ON APR 02	43.6 ON APR 02	0.428B ON JAN 28	91 300	1977
1978	38.8 AT 02:51 EST ON APR 25	37.4 ON APR 25	0.637E ON AUG 17	98 500	1978
1979	60.0 AT 05:00 EST ON APR 19	57.9 ON APR 18	0.687 ON AUG 15	138 000	1979
1980	---	49.3E ON APR 11	0.480B ON MAR 13	110 000	1980
1981	29.0 AT 13:04 EST ON APR 05	28.6 ON APR 05	0.534 ON AUG 27	101 000	1981
1982	42.5 AT 08:31 EST ON APR 19	42.1 ON APR 19	0.444 ON AUG 17	94 100	1982
1983	25.5 AT 00:07 EST ON APR 16	24.2 ON APR 15	0.407 ON SEP 15	97 700	1983
1984	15.2 AT 13:34 EST ON APR 06	15.0 ON APR 06	0.620B ON FEB 10	101 000	1984
1985	91.8 AT 11:50 EST ON APR 23 *	88.2 ON APR 23 *	0.755B ON FEB 10	107 000	1985
1986	41.5 AT 22:36 EST ON APR 05	40.3 ON APR 05	0.430B ON MAR 09	80 800	1986
1987	---	19.5B ON MAR 30	0.225E ON SEP 18 *	51 500	1987
1988	---	54.8B ON APR 07	0.512 ON AUG 01	115 000	1988
1989	27.9 AT 02:54 EST ON APR 20	27.0 ON APR 19	0.458 ON OCT 01	95 100	1989
1990	26.1 AT 22:17 EST ON MAY 20	25.6 ON MAY 20	0.497 ON SEP 03	110 000	1990
				96 300	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX)
B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD
R - REVISED SINCE JAN 01 1989

WHITSON RIVER AT VAL CARON - STATION NO. 02CF008

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1962	---	---	---	6.09	---	---	---	---	---	---	---	---	---	1962
1963	---	---	---	7.38	---	---	---	---	---	---	---	---	---	1963
1964	---	---	---	6.51	---	---	---	---	---	---	---	---	---	1964
1965	---	---	---	8.83	---	---	---	---	---	---	---	---	---	1965
1966	---	---	---	5.26	---	---	---	---	---	---	---	---	---	1966
1967	---	---	---	13.1	---	---	---	---	---	---	---	---	---	1967
1968	---	---	---	5.05	---	---	---	---	---	---	---	---	---	1968
1969	---	---	---	7.96	---	---	---	---	---	---	---	---	---	1969
1970	---	---	---	7.82	---	---	---	---	---	---	---	---	---	1970
1971	---	---	---	11.3	---	---	---	---	---	---	---	---	---	1971
1973	---	---	---	3.47	---	---	---	---	---	---	---	---	---	1973
1974	---	---	---	7.27	---	---	---	---	---	---	3.34	0.833	---	1974
1975	0.806	0.555	0.732	8.01	2.94	0.729	0.100	0.105	0.201	0.755	1.09	1.78	1.48	1975
1976	0.264	0.247	1.62	9.23	2.21	0.685	0.211	0.184	0.900	1.04	0.705	0.340	1.38	1976
1977	0.294	0.271	3.83	6.63	0.840	0.349	0.603	0.669	1.73	3.10	2.74	1.65	1.89	1977
1978	0.910	0.619	0.624	6.67	4.99	0.625	0.701	0.980	1.61	4.20	1.57	1.15	1.91	1978
1979	0.856	0.623	2.62	15.1	3.62	0.892	0.594	0.350	0.932	1.31	2.12	1.85	2.56	1979
1980	1.31	0.542	0.718	9.32	3.03	0.863	0.519	0.558	1.32	2.51	1.53	0.748	1.91	1980
1981	0.363	1.68	2.89	7.13	1.32	0.792	0.558	0.226	1.87	2.63	1.30	0.800	1.79	1981
1982	0.514	0.433	0.642	9.16	1.71	0.966	0.237	0.212	0.578	1.36	1.89	2.39	1.67	1982
1983	1.34	0.632	3.37	6.41	4.37	2.00	0.361	0.224	0.257	1.17	1.08	0.884	1.84	1983
1984	0.464	1.57	1.23	4.58	1.31	3.71	1.24	0.481	1.12	1.51	2.94	2.29	1.86	1984
1985	0.866	0.694	1.41	12.3	2.36	0.749	0.732	0.180	0.639	1.19	2.13	1.18	2.03	1985
1986	0.629	0.490	0.993	8.63	1.62	0.952	0.540	0.661	0.549	0.930	0.800	0.567	1.44	1986
1987	0.432	0.360	2.98	5.38	1.10	0.568	0.330	0.133	0.112	0.395	0.516	0.716	1.08	1987
1988	0.524	0.528	0.973	10.9	2.24	0.526	0.337	0.417	0.614	2.08	3.97	1.67	2.06	1988
1989	0.962	0.758	0.890	9.71	2.04	3.00	0.635	0.445	0.213	0.367	---	---	---	1989
1990	---	---	---	---	---	---	---	0.411	0.328	1.48	3.76	2.85	---	1990
MEAN	0.702	0.667	1.70	8.08	2.25	1.16	0.513	0.390	0.823	1.63	1.97	1.36	1.78	MEAN

LOCATION - LAT 46 36 36 N LONG 081 01 59 W DRAINAGE AREA, 179 km² NATURAL FLOW

WHITSON RIVER AT VAL CARON - STATION NO. 02CF008

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1962	---	---	---	---	1962
1963	---	---	---	---	1963
1964	---	---	---	---	1964
1965	---	---	---	---	1965
1966	---	---	---	---	1966
1967	---	---	---	---	1967
1968	---	---	---	---	1968
1969	---	---	---	---	1969
1970	---	---	---	---	1970
1971	---	---	---	---	1971
1973	---	---	---	---	1973
1974	---	---	---	---	1974
1975	28.3 AT 19:24 EST ON APR 20	27.5 ON APR 21	0.051 ON AUG 02	46 700	1975
1976	23.0 AT 19:21 EST ON APR 02	21.7 ON APR 03	0.085 ON AUG 29	43 700	1976
1977	27.1 AT 10:29 EST ON MAR 31	25.7 ON MAR 31	0.099 ON JUL 11	59 700	1977
1978	19.8 A ON APR 24	17.5 A ON APR 24	0.365 ON AUG 16	60 100	1978
1979	30.3 AT 19:24 EST ON APR 15	29.9 ON APR 18	0.168 ON JUL 24	80 800	1979
1980	32.7 AT 07:30 EST ON APR 10	32.2 ON APR 10	0.262 ON MAR 14	60 300	1980
1981	16.2 AT 22:52 EST ON APR 05	15.2 ON APR 05	0.129 ON AUG 21	36 400	1981
1982	27.6 AT 19:03 EST ON APR 18	26.3 ON APR 18	0.116 ON AUG 15	52 600	1982
1983	17.8 AT 08:28 EST ON APR 16	17.2 ON APR 16	0.061 ON SEP 10	38 200	1983
1984	7.93 AT 03:42 EST ON APR 07	7.80 ON APR 07	0.296 ON AUG 21	38 800	1984
1985	52.2 AT 20:52 EST ON APR 22 *	45.1 ON APR 23 *	0.018 ON AUG 26 *	64 000	1985
1986	30.9 AT 16:01 EST ON APR 04	29.2 ON APR 04	0.323 ON SEP 03	45 400	1986
1987	---	14.8 E ON MAR 31	0.048E ON SEP 18	34 200	1987
1988	---	34.4 A ON APR 06	0.218 ON JUL 03	65 000	1988
1989	21.1 AT 00:51 EST ON APR 19	19.7 ON APR 19	---	---	1989
1990	---	---	---	---	1990
				56 100	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX) E - ESTIMATED * - EXTREME RECORDED FOR THE PERIOD OF RECORD

WILLOW CREEK ABOVE LITTLE LAKE - STATION NO. 02ED009

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1973	---	---	4.32	1.53	0.831	0.329	0.079	0.076	0.042	0.132	1.94	0.696	---	1973
1974	0.505	0.535	1.69	3.32	1.74	0.296	0.290	0.196	0.116	0.391	0.968	0.453	0.874	1974
1975	0.539	0.762	2.18	3.40	0.550	0.084	0.096	0.057	0.126	0.101	0.197	0.362	0.702	1975
1976	0.202	0.376	4.97	1.49	0.626	0.156	0.278	0.085	0.682	0.616	1.05	0.424	0.917	1976
1977	0.425	0.198	4.91	1.07	0.160	0.070	0.058	0.112	0.400	0.717	1.14	1.08	0.853	1977
1978	0.765	0.453	0.764	5.07	0.778	0.212	0.072	0.064	0.077	0.256	0.388	0.326	0.764	1978
1979	0.383	0.216	4.44	2.06	0.534	0.172	0.052	0.045	0.038	0.244	0.781	1.68	0.894	1979
1980	0.378	0.193	3.02	2.46	0.383	0.324	1.00	0.251	0.347	1.03	1.04	1.59	1.01	1980
1981	0.399	3.61	1.17	0.801	0.884	0.246	0.096	0.248	0.691	1.72	1.06	0.507	0.883	1981
1982	0.488	0.341	1.44	5.35	0.255	1.05	0.081	0.142	0.219	0.274	1.16	2.59	1.10	1982
1983	0.856	0.888	1.91	1.51	1.11	0.180	0.031	0.052	0.045	0.166	0.643	0.378	0.646	1983
1984	0.215	2.31	1.99	2.03	0.547	0.150	0.099	0.038	0.165	0.183	0.547	1.22	0.783	1984
1985	0.573	1.57	3.64	3.08	0.611	0.264	0.143	0.257	1.05	0.943	1.96	0.979	1.25	1985
1986	0.648	0.415	3.70	1.77	0.624	0.209	0.071	0.263	3.57	1.94	0.660	0.745	1.22	1986
1987	0.418	0.294	1.34	1.98	0.156	0.157	0.478	0.053	0.045	0.298	1.28	1.54	0.841	1987
1988	0.948	0.725	2.22	1.71	0.475	0.063	0.033	0.051	0.114	0.293	0.955	0.455	0.669	1988
1989	0.583	0.328	2.58	2.00	1.04	0.657	0.049	0.032	0.038	0.195	1.06	0.329	0.742	1989
1990	0.802	1.19	4.04	1.39	0.621	0.075	0.151	0.031	0.030	0.498	1.25	1.48	0.964	1990
MEAN	0.525	0.847	2.90	2.33	0.663	0.261	0.175	0.114	0.433	0.522	1.00	0.935	0.889	MEAN

LOCATION - LAT 44 25 29 N LONG 079 38 39 W DRAINAGE AREA, 94.8 km² NATURAL FLOW

WILLOW CREEK ABOVE LITTLE LAKE - STATION NO. 02ED009

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1973	23.6 B AT 00:39 EST ON MAR 12	18.2 B ON MAR 12	0.021 ON JUL 24	---	1973
1974	26.6 AT 08:06 EST ON APR 04	24.2 ON APR 04	0.034 ON JUL 23	27 600	1974
1975	30.3 AT 07:39 EST ON APR 19	26.8 ON APR 19	0.018 ON AUG 23	22 100	1975
1976	31.1 AT 19:33 EST ON MAR 25	30.0 ON MAR 25 *	0.034 ON AUG 25	29 000	1976
1977	29.2 B AT 21:17 EST ON MAR 13	26.6 B ON MAR 14	0.005 ON JUL 29	26 900	1977
1978	15.7 AT 20:55 EST ON APR 11	10.5 ON APR 12	0.016 ON AUG 15	24 100	1978
1979	26.5 AT 22:31 EST ON MAR 24	21.8 ON MAR 25	0.016 ON JUL 19	23 200	1979
1980	35.3 AT 20:24 EST ON MAR 21	21.2 ON MAR 21	0.045 ON SEP 09	31 800	1980
1981	21.8 AT 23:15 EST ON FEB 23	19.8 ON FEB 23	0.026 ON JUL 26	27 800	1981
1982	20.6 AT 03:27 EST ON APR 01	16.5 ON APR 01	0.023 ON JUL 27	34 600	1982
1983	8.09 AT 13:31 EST ON APR 10	5.76 ON MAR 07	0.009 ON SEP 12	20 400	1983
1984	14.1 AT 11:31 EST ON DEC 29	11.1 ON DEC 29	0.015 ON AUG 09	24 800	1984
1985	23.1 AT 00:28 EST ON MAR 29	14.5 ON MAR 29	0.025 ON AUG 14	39 400	1985
1986	34.1 AT 03:36 EST ON SEP 12	21.6 ON SEP 12	0.028 ON JUL 25	38 500	1986
1987	14.6 AT 10:38 EST ON APR 05	12.4 ON APR 05	0.014 ON AUG 28	26 500	1987
1988	24.9 AT 23:32 EST ON MAR 26	15.5 B ON MAR 26	0.018 ON JUL 22	21 200	1988
1989	38.3 E AT 01:23 EST ON MAR 29 *	25.7 A ON MAR 29	0.012 ON SEP 13	23 400	1989
1990	27.8 AT 23:52 EST ON MAR 13	21.0 B ON MAR 13	0.002 ON SEP 03 *	30 400	1990
				28 000	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX) B - ICE CONDITIONS E - ESTIMATED * - EXTREME RECORDED FOR THE PERIOD OF RECORD

WILLOW CREEK AT MIDHURST - STATION NO. 02ED010

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1973	---	---	4.73	2.15	1.10	0.468	0.122	0.084	0.071	0.198	2.00	1.25	---	1973
1974	0.703	0.972	3.16	3.72	2.28	0.342	0.411	0.372	0.316	0.624	1.44	0.687	1.25	1974
1975	0.977	0.697	2.29	4.17	0.933	0.088	0.111	0.092	0.296	0.300	0.428	0.791	0.930	1975
1976	0.720	0.728	4.69	2.89	0.999	0.251	0.693	0.236	0.902	1.14	1.31	1.19	1.32	1976
1977	0.471	0.420	5.34	2.25	0.207	0.109	0.145	0.255	0.530	1.24	1.89	1.77	1.23	1977
1978	1.02	0.875	0.983	6.05	1.32	0.345	0.116	0.080	0.172	0.519	0.662	0.653	1.06	1978
1979	0.683	0.459	3.99	3.77	1.26	0.278	0.133	0.089	0.078	0.522	1.08	2.22	1.22	1979
1980	1.04	0.338	3.02	4.17	0.779	0.445	0.976	0.957	0.416	1.22	1.57	1.64	1.38	1980
1981	0.612	3.37	1.87	1.25	1.06	0.325	0.094	0.247	0.882	1.40	1.38	1.05	1.11	1981
1982	0.635	0.438	1.17	4.63	0.693	1.14	0.387	0.175	0.280	0.553	1.42	2.91	1.45	1982
1983	1.33	0.833	2.10	2.06	1.52	0.416	0.107	0.153	0.159	0.324	1.04	0.798	0.905	1983
1984	0.428	2.33	2.05	3.10	0.753	0.285	0.124	0.106	0.305	0.287	0.990	1.23	0.990	1984
1985	1.39	1.45	3.96	4.26	0.703	0.418	0.242	0.215	1.81	4.82	2.16	1.26	1.89	1985
1986	0.842	0.783	2.96	2.79	0.860	0.380	0.138	0.248	2.75	2.48	0.941	1.04	1.35	1986
1987	0.782	0.535	3.10	3.08	0.250	0.276	0.491	0.248	0.085	0.378	1.48	1.94	1.06	1987
1988	0.885	1.19	1.97	2.84	0.748	0.163	0.065	0.109	0.258	0.571	1.18	0.687	0.884	1988
1989	0.860	0.605	2.02	3.19	1.39	0.716	0.237	0.051	0.090	0.382	1.31	1.02	0.988	1989
1990	0.841	1.20	3.81	1.72	0.934	0.103	0.117	0.083	0.093	0.750	1.28	1.58	1.04	1990
MEAN	0.836	1.01	2.96	3.39	0.988	0.364	0.262	0.211	0.527	0.984	1.31	1.32	1.18	MEAN

LOCATION - LAT 44 26 39 N LONG 079 43 47 W DRAINAGE AREA, 127 km² NATURAL FLOW

WILLOW CREEK AT MIDHURST - STATION NO. 02ED010

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1973	13.5 AT 01:33 EST ON MAR 13	12.9 ON MAR 13	0.062 ON JUL 24	---	1973
1974	12.8 AT 12:36 EST ON MAR 08	12.3 ON MAR 08	0.074 ON JUL 24	39 500	1974
1975	18.3 AT 01:49 EST ON APR 20	17.0 ON APR 20	0.048 ON JUL 09	29 300	1975
1976	17.2 AT 16:41 EST ON MAR 26	16.8 ON MAR 26	0.116 ON JUN 13	41 600	1976
1977	20.2 AT 19:13 EST ON MAR 15 *	19.9 ON MAR 15 *	0.059 ON MAY 31	30 700	1977
1978	10.8 AT 06:47 EST ON APR 14	10.5 ON APR 14	0.059 ON AUG 14	33 400	1978
1979	15.0 AT 23:28 EST ON MAR 25	13.9 ON MAR 26	0.056 ON AUG 23	38 400	1979
1980	10.3 AT 04:49 EST ON MAR 23	10.0 ON MAR 23	0.113 ON SEP 15	43 800	1980
1981	15.3 AT 08:05 EST ON FEB 24	15.0 ON FEB 24	0.035 ON JUL 17	35 000	1981
1982	13.6 AT 10:54 EST ON APR 05	12.8 ON APR 04	0.099 ON AUG 24	45 600	1982
1983	4.03 AT 15:03 EST ON MAR 10	3.99 ON MAR 10	0.072 ON SEP 10	28 500	1983
1984	5.68 AT 09:25 EST ON APR 07	5.62 ON APR 07	0.043 ON AUG 06	31 300	1984
1985	11.1 AT 09:57 EST ON MAR 30	10.9 ON MAR 30	0.037 ON JUL 30	59 700	1985
1986	9.07 AT 00:56 EST ON MAR 28	8.79 ON MAR 28	0.025 ON AUG 06 *	42 700	1986
1987	9.15 AT 08:50 EST ON MAR 27	8.91 ON MAR 27	0.039 ON SEP 06	33 300	1987
1988	9.46 AT 21:53 EST ON MAR 27	8.74 ON MAR 28	0.035 ON JUL 12	28 000	1988
1989	17.8 B AT 23:13 EST ON MAR 29	15.9 ON MAR 30	0.039 ON AUG 01	31 200	1989
1990	14.9 B AT 12:16 EST ON MAR 15	14.5 B ON MAR 15	0.035 ON AUG 15	32 900	1990
	B - ICE CONDITIONS	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		37 200	MEAN

WILMOT CREEK NEAR NEWCASTLE - STATION NO. 02HD009

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1965	---	---	---	---	---	---	0.449	0.328	0.360	0.647	0.949	1.02	---	1965
1966	0.453	1.57	1.96	0.899	0.642	0.467	0.312	0.310	0.345	0.392	0.809	1.48	0.805	1966
1967	1.07	0.681	1.76	1.49	0.828	0.685	0.584	0.457	0.435	0.682	0.971	1.05	0.893	1967
1968	0.968	1.57	2.52	0.956	0.838	0.521	0.334	0.373	0.411	0.424	0.733	0.832	0.872	1968
1969	1.72	0.818	1.44	1.42	0.889	0.618	0.574	0.650	0.390	0.506	0.780	0.816	0.887	1969
1970	0.538	0.879	1.50	1.59	0.865	0.550	0.528	0.388	0.438	0.591	0.777	0.807	0.786	1970
1971	0.633	0.760	1.23	2.45	0.704	0.595	0.474	0.406	0.478	0.539	0.594	0.899	0.811	1971
1972	0.984	0.807	1.14	3.22	0.856	0.595	0.576	0.682	0.531	0.732	0.906	1.16	1.01	1972
1973	1.25	1.17	2.83	1.64	1.15	0.739	0.450	0.477	0.455	0.684	0.930	0.752	1.04	1973
1974	1.32	0.836	1.56	1.69	1.19	0.729	0.752	0.535	0.545	0.615	0.753	0.761	0.942	1974
1975	0.905	1.35	1.85	1.49	0.818	0.609	0.402	0.373	0.517	0.488	0.626	0.795	0.848	1975
1976	0.358	1.59	2.72	1.42	1.35	0.749	0.706	0.484	0.493	0.568	0.491	0.531	0.954	1976
1977	0.425	0.545	2.18	1.25	0.490	0.419	0.345	0.515	0.707	0.808	1.21	1.25	0.847	1977
1978	2.09	0.627	1.47	2.72	1.28	0.582	0.445	0.463	0.664	0.750	0.822	0.765	1.06	1978
1979	0.749	0.649	3.45	1.76	0.974	0.538	0.338	0.476	0.428	0.620	0.783	1.07	0.991	1979
1980	0.999	0.366	3.81	2.32	0.805	0.678	0.708	0.548	0.736	0.924	0.943	0.970	1.15	1980
1981	0.399	2.62	1.10	1.18	0.893	0.679	0.520	0.712	0.876	1.08	1.14	0.895	0.995	1981
1982	0.644	0.429	2.58	2.32	0.878	1.33	0.651	0.503	0.612	0.674	1.10	1.17	1.08	1982
1983	0.993	1.51	1.37	1.59	1.39	0.619	0.366	0.433	0.397	0.742	0.942	1.15	0.955	1983
1984	0.599	2.53	1.71	1.91	1.02	0.590	0.496	0.581	0.757	0.621	0.802	0.834	1.03	1984
1985	0.525	1.85	2.11	1.56	0.824	0.655	0.575	0.548	0.635	0.674	1.59	0.892	1.03	1985
1986	0.800	0.603	2.08	1.18	0.779	0.773	0.533	0.962	1.59	1.17	0.976	1.55	1.09	1986
1987	0.840	0.636	1.91	1.53	0.693	0.723	0.582	0.579	0.704	0.748	1.05	1.22	0.937	1987
1988	1.02	1.21	1.82	1.32	0.794	0.631	0.511	0.514	0.654	0.802	1.01	0.982	0.937	1988
1989	0.843	0.717	1.20	1.07	1.09	0.867	0.426	0.440	0.600	0.678	1.31	0.559	0.816	1989
1990	1.33	1.70	2.44	1.51	1.00	0.598	0.567	0.448	0.477	0.696	0.652	1.33	1.06	1990
MEAN	0.898	1.12	1.99	1.66	0.922	0.662	0.508	0.507	0.586	0.687	0.913	0.982	0.953	MEAN

LOCATION - LAT 43 55 47 N DRAINAGE AREA, 82.6 km^2
LONG 078 37 06 W NATURAL FLOW

WILMOT CREEK NEAR NEWCASTLE - STATION NO. 02HD009

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1965	---	---	---	---	1965
1966	---	---	---	---	1966
1967	13.7 AT 20:00 EST ON MAR 26	17.0 B ON MAR 01	0.269 ON JUL 27	25 400	1967
1968	16.4 AT 19:00 EST ON MAR 18	6.71 ON MAR 27	0.328 ON SEP 13	28 200	1968
1969	10.6 B AT 00:01 EST ON JAN 31	5.66B ON JAN 30	0.309 ON JUL 23	27 600	1969
1970	6.57 AT 13:46 EST ON APR 20	3.31 ON MAR 23	0.328 ON AUG 18	24 800	1970
1971	9.06 AT 19:29 EST ON APR 02	7.48 ON APR 02	0.294 ON AUG 20	25 600	1971
1972	19.7 AT 11:11 EST ON APR 13	11.4 ON APR 13	0.385 ON AUG 01	32 100	1972
1973	15.4 AT 14:01 EST ON FEB 02	12.9 ON MAR 04	0.345 ON AUG 16	32 900	1973
1974	21.4 AT 04:08 EST ON MAR 05	10.6 ON MAR 05	0.430 ON AUG 26	29 700	1974
1975	21.5 AT 12:47 EST ON FEB 24	14.1 ON FEB 24	0.323 ON JUL 17	26 800	1975
1976	16.3 AT 07:56 EST ON MAR 21	12.1 ON MAR 21	0.269B ON JAN 05	30 200	1976
1977	---	8.50E ON MAR 13	0.170 ON JUL 26 *	26 700	1977
1978	17.6 AT 18:25 EST ON APR 01	11.3 B ON JAN 27	0.297 ON JUL 18	33 400	1978
1979	30.5 AT 18:26 EST ON MAR 04	15.6 ON MAR 04	0.179 ON JUL 24	31 200	1979
1980	---	52.9 E ON MAR 21 *	0.308 ON JUL 15	36 500	1980
1981	23.5 B AT 16:30 EST ON FEB 20	15.7 B ON FEB 20	0.285 ON JUL 17	31 400	1981
1982	26.6 AT 14:07 EST ON APR 03	12.4 ON MAR 31	0.350B ON FEB 14	34 000	1982
1983	23.7 AT 22:33 EST ON FEB 02	8.02 ON FEB 03	0.225 ON JUL 27	30 100	1983
1984	---	31.5 B ON FEB 14	0.386 ON JUL 25	32 600	1984
1985	21.5 AT 12:08 EST ON FEB 24	18.2 ON FEB 24	0.433 ON AUG 10	32 400	1985
1986	23.2 AT 00:52 EST ON AUG 27	8.04 ON MAR 19	0.430 ON JUL 25	34 200	1986
1987	10.7 AT 22:25 EST ON APR 04	9.74B ON MAR 02	0.456 ON JUL 29	29 600	1987
1988	30.4 AT 23:45 EST ON MAR 25	7.80B ON MAR 26	0.400 ON JUL 08	29 600	1988
1989	9.64B AT 20:15 EST ON MAR 25	4.52 ON MAR 26	0.334 ON AUG 01	25 700	1989
1990	60.9 AT 02:00 EST ON MAR 12 *	25.0 E ON MAR 12	0.359 ON AUG 01	33 500	1990
				30 100	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

WILTON CREEK NEAR NAPANEE - STATION NO. 02HM004

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1965	---	---	---	---	---	---	---	---	---	---	---	---	---	1965
1966	0.922	1.51	4.63	1.02	0.281	0.102	0.012	0.013	0.038	0.488	2.67	2.18	---	1966
1967	1.52	1.43	3.38	3.74	0.763	0.194	0.059	0.032	0.036	0.047	1.62	2.51	1.06	1967
1968	0.479	2.38	4.85	1.28	1.25	0.702	0.161	0.095	1.39	1.32	2.61	1.24	1.36	1968
1969	1.33	2.18	5.38	2.87	2.33	0.560	0.236	0.408	0.078	0.082	1.38	1.80	1.55	1969
1970	0.198	1.40	4.92	3.85	0.857	0.146	0.222	0.039	0.035	0.091	1.46	1.50	1.22	1970
1971	0.755	0.762	1.37	7.46	0.763	0.165	0.068	0.031	0.085	0.123	0.173	1.23	1.10	1971
1972	0.708	0.385	4.29	7.47	1.37	1.69	0.573	0.274	0.079	1.30	1.23	3.84	1.80	1972
1973	3.53	1.88	5.00	3.38	1.24	0.397	0.048	0.074	0.106	0.206	1.24	1.98	1.60	1973
1974	2.17	1.09	3.05	4.52	1.83	0.319	0.128	0.038	0.020	0.042	0.535	1.30	1.25	1974
1975	2.35	1.28	4.58	3.28	0.497	0.576	0.057	0.012	0.132	0.244	0.676	3.03	1.40	1975
1976	0.536	3.66	9.15	2.12	1.80	0.310	0.158	0.064	0.034	0.154	0.310	0.310	1.55	1976
1977	0.135	0.321	7.31	2.02	0.503	0.087	0.018	0.225	0.455	1.80	2.91	2.23	1.52	1977
1978	2.48	0.875	3.03	7.29	0.713	0.145	0.036	0.026	0.080	0.124	1.28	1.12	1.43	1978
1979	1.07	0.743	7.25	3.59	1.22	0.426	0.050	0.052	0.582	1.63	2.12	2.70	1.80	1979
1980	0.802	0.144	4.66	3.71	1.29	0.172	0.599	0.499	0.319	1.07	1.44	2.56	1.45	1980
1981	0.269	7.23	1.02	1.18	0.885	0.586	0.147	0.257	3.15	1.44	1.59	0.526	1.47	1981
1982	0.865	0.227	3.30	4.78	1.02	1.75	0.310	0.100	0.167	0.404	1.80	2.66	1.45	1982
1983	1.26	1.87	1.78	3.18	2.45	0.321	0.059	0.078	0.032	0.295	2.49	2.93	1.39	1983
1984	0.380	4.78	2.15	4.18	1.46	0.460	0.260	0.608	0.269	0.120	0.765	1.53	1.39	1984
1985	0.740	3.34	4.98	2.39	0.399	0.393	0.169	0.045	0.617	0.531	2.28	0.833	1.38	1985
1986	2.08	0.552	4.72	1.38	1.40	0.973	0.121	0.226	2.30	2.42	1.47	2.69	1.71	1986
1987	0.601	0.265	4.07	3.54	0.282	0.262	0.074	0.020	0.130	0.565	2.44	4.08	1.37	1987
1988	0.799	1.10	3.33	2.07	0.576	0.099	0.024	0.009	0.008	0.224	2.21	4.06	0.474	1988
1989	0.657	0.641	3.57	2.75	1.44	0.424	0.069	0.021	0.021	0.107	2.79	0.471	1.08	1989
1990	2.65	2.86	4.35	3.35	1.92	0.469	0.142	0.054	0.017	0.677	0.946	5.32	1.90	1990
MEAN	1.17	1.72	4.16	3.46	1.14	0.469	0.152	0.132	0.413	0.614	1.70	2.07	1.43	MEAN

LOCATION - LAT 44 14 22 N
LONG 076 50 56 W
DRAINAGE AREA, 112 km^2
NATURAL FLOW

WILTON CREEK NEAR NAPANEE - STATION NO. 02HM004

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1965	12.9 AT 01:00 EST ON NOV 28	---	---	---	1965
1966	---	---	---	---	1966
1967	18.3 AT 02:00 EST ON MAR 30	12.3 B ON MAR 03	0.006 ON JUL 17	33 400	1967
1968	18.3B AT 02:30 EST ON MAR 19	16.1 ON MAR 30	0.006 ON SEP 17	42 700	1968
1969	27.8 AT 12:11 EST ON MAR 25	17.0 B ON MAR 19	0.045 ON AUG 15	49 600	1969
		26.2 ON MAR 25	0.040 ON OCT 08	48 900	
1970	22.1 AT 18:32 EST ON MAR 25	19.3 ON MAR 25	0.016 ON AUG 26	38 600	1970
1971	20.6 AT 02:41 EST ON APR 11	19.2 ON APR 10	0.012 ON AUG 11	34 600	1971
1972	23.8 AT 22:31 EST ON APR 13	21.7 ON APR 13	0.037 ON SEP 23	57 000	1972
1973	16.9 AT 15:10 EST ON APR 03	15.6 ON APR 03	0.020 ON JUL 24	50 400	1973
1974	27.4 AT 15:54 EST ON APR 04	22.8 ON APR 04	0.012 ON AUG 26	39 600	1974
1975	---	22.1 B ON MAR 20	0.008 ON AUG 21	44 100	1975
1976	---	22.7 B ON MAR 22	0.011 ON AUG 17	49 000	1976
1977	---	27.9 ON MAR 13	0.007 ON JUL 26	47 900	1977
1978	---	21.0 B ON APR 02	0.011 ON AUG 14	45 100	1978
1979	---	20.5 B ON MAR 06	0.020 ON AUG 23	56 600	1979
1980	---	44.3 B ON MAR 22 *	0.045 ON JUL 19	45 700	1980
1981	---	34.0 B ON FEB 20	0.065 ON AUG 09	46 500	1981
1982	26.6 AT 06:37 EST ON APR 01	23.8 ON APR 01	0.037 ON AUG 19	45 700	1982
1983	---	8.55B ON DEC 15	0.018 ON SEP 14	43 900	1983
1984	---	28.0 B ON FEB 15	0.070 ON AUG 05	44 100	1984
1985	---	19.8 B ON FEB 25	0.019 ON AUG 18	43 400	1985
1986	32.4B AT 22:50 EST ON MAR 19 *	27.7 E ON MAR 20	0.057 ON JUL 31	53 800	1986
1987	22.4 AT 15:37 EST ON NOV 30	19.2 ON NOV 30	0.007 ON AUG 20	43 100	1987
1988	20.8 AT 13:59 EST ON MAR 26	19.5 ON MAR 26	0 ON AUG 18 *	28 800	1988
1989	---	12.3 B ON MAR 27	0.006 ON AUG 28	34 100	1989
1990	---	14.6 B ON DEC 30	0.008 ON SEP 26	59 800	1990
				45 100	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

WINDIGO RIVER ABOVE MUSKRAT DAM LAKE - STATION NO. 04CB001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1967	---	---	---	---	---	---	---	---	---	65.0	58.3	52.0	---	1967
1968	45.7	40.8	40.4	45.4	82.6	178	180	172	182	160	139	106	114	1968
1969	80.3	71.3	62.5	69.9	126	132	173	193	232	324	273	189	161	1969
1970	103	74.4	67.2	67.8	159	167	207	151	134	143	151	127	130	1970
1971	89.9	66.1	57.4	86.0	226	173	134	116	83.0	89.8	119	100	112	1971
1972	74.0	65.6	58.0	124	196	166	126	101	86.1	107	109	71.7	107	1972
1973	57.2	54.0	54.0	57.1	177	152	187	133	125	135	147	104	114	1973
1974	83.2	67.5	54.2	54.3	128	253	225	284	298	247	172	132	167	1974
1975	93.5	70.9	60.8	67.4	159	193	155	219	216	163	126	92.4	135	1975
1976	60.0	48.2	43.6	66.3	138	132	99.3	74.7	63.4	57.3	52.8	45.3	73.4	1976
1977	32.1	27.3	26.9	42.1	85.2	77.0	69.3	67.9	85.6	89.1	75.2	61.1	61.8	1977
1978	50.8	44.4	39.5	38.6	108	125	175	179	184	159	147	103	113	1978
1979	78.7	63.4	57.4	72.2	155	184	138	124	127	143	148	92.2	115	1979
1980	55.1	44.9	46.9	67.4	124	86.9	59.0	50.1	55.3	77.6	73.6	55.2	66.4	1980
1981	44.6	36.6	32.0	36.6	67.4	107	92.2	61.2	59.5	92.0	99.9	76.5	67.2	1981
1982	55.2	47.2	47.4	52.8	195	196	255	183	149	132	102	71.7	133	1982
1983	50.7	50.3	44.7	46.6	105	129	145	94.3	58.8	53.5	56.0	41.9	72.7	1983
1984	33.9	29.9	28.1	43.2	110	110	97.6	75.8	55.1	56.7	62.1	58.5	63.6	1984
1985	48.7	43.6	41.4	49.5	194	221	313	241	231	239	181	113	160	1985
1986	79.1	61.1	49.7	69.1	215	154	118	123	111	132	106	71.2	108	1986
1987	57.4	52.7	51.1	85.4	128	112	82.9	63.0	56.2	62.5	65.0	51.8	72.4	1987
1988	42.4	36.7	34.1	38.0	84.5	91.7	70.4	55.3	57.2	71.6	69.5	58.9	59.2	1988
1989	47.8	40.2	34.2	31.7	100	139	111	96.4	114	106	82.9	59.6	80.4	1989
1990	36.2	28.1	30.8	47.9	185	157	107	68.6	54.0	54.5	49.7	42.9	72.1	1990
MEAN	61.1	50.7	46.2	59.1	141	154	144	127	122	123	110	82.4	103	MEAN

LOCATION - LAT 53 20 55 N
LONG 091 47 30 W
DRAINAGE AREA, 10 800 km^2
NATURAL FLOW

WINDIGO RIVER ABOVE MUSKRAT DAM LAKE - STATION NO. 04CB001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1967	---	---	---	---	1967
1968	196 AT 14:00 CST ON JUL 14	191 ON JUN 24	39.4B ON MAR 21	3 620 000	1968
1969	340 AT 12:00 CST ON OCT 16	340 ON OCT 13 *	57.5B ON MAR 30	5 080 000	1969
1970	221 AT 14:45 CST ON JUL 22	217 ON JUL 22	64.0B ON MAR 28	4 090 000	1970
1971	248 AT 12:56 CST ON MAY 16	245 ON MAY 16	52.7B ON MAR 25	3 530 000	1971
1972	252 AT 00:21 CST ON APR 29	247 ON APR 29	53.0 ON APR 08	3 390 000	1972
1973	212 AT 12:09 CST ON MAY 22	211 ON MAY 22	51.3B ON MAR 29	3 600 000	1973
1974	306 AT 15:06 CST ON SEP 19	303 ON SEP 08	50.4B ON MAR 23	5 260 000	1974
1975	244 AT 02:17 CST ON AUG 19	244 ON AUG 18	57.8B ON APR 03	4 260 000	1975
1976	---	159A ON MAY 20	40.2B ON DEC 31	2 320 000	1976
1977	101 AT 12:00 EST ON MAY 30	101 ON MAY 29	25.8B ON MAR 22 *	1 950 000	1977
1978	195 AT 16:33 EST ON SEP 03	192 ON SEP 03	36.5B ON APR 10	3 570 000	1978
1979	214 AT 16:30 EST ON MAY 29	214 ON MAY 30	54.1B ON MAR 16	3 640 000	1979
1980	136 AT 02:28 EST ON MAY 16	134 ON MAY 16	41.5B ON MAR 15	2 100 000	1980
1981	135 AT 00:52 EST ON JUN 28	126 ON JUN 28	41.0B ON MAR 29	2 120 000	1981
1982	330 AT 10:51 EST ON JUN 23	328 ON JUN 23	44.5B ON MAR 09	4 180 000	1982
1983	168 AT 16:35 EST ON JUL 11	163 ON JUL 11	46.5B ON DEC 31	2 290 000	1983
1984	---	128E ON MAY 21	27.7B ON MAR 16	2 010 000	1984
1985	341 AT 12:09 EST ON JUL 19 *	339 ON JUL 07	39.8B ON APR 11	5 060 000	1985
1986	248 AT 15:45 EST ON MAY 16	244 ON MAY 16	46.4B ON APR 03	3 410 000	1986
1987	149 AT 15:24 EST ON MAY 05	145 ON MAY 04	45.5 ON OCT 02	2 280 000	1987
1988	112 AT 08:46 EST ON JUN 03	111 ON JUN 03	33.4B ON MAR 30	1 870 000	1988
1989	161 AT 04:19 EST ON JUN 01	160 ON JUN 01	29.6B ON APR 17	2 540 000	1989
1990	218 AT 10:23 EST ON MAY 22	217 ON MAY 20	25.8B ON MAR 09	2 270 000	1990
				3 240 000	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX)
B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

WINISK RIVER AT KANUCHUAN RAPIDS - STATION NO. 04DA002

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1968	64.3	56.2	45.8	41.9	103	247	379	318	319	278	350	210	201	1968
1969	135	96.5	67.2	53.7	203	345	540	359	357	669	407	236	291	1969
1970	157	102	67.9	51.0	148	383	341	284	290	446	377	267	244	1970
1971	178	106	73.9	71.9	417	481	428	325	264	301	356	230	256	1971
1972	139	92.0	66.6	53.5	170	414	509	312	204	274	289	185	211	1972
1973	119	83.7	62.6	50.2	169	438	394	245	166	155	193	101	189	1973
1974	124	89.1	64.7	50.4	80.8	652	593	280	380	315	212	162	251	1974
1975	122	85.6	62.6	50.7	140	390	347	339	263	176	143	114	187	1975
1976	82.2	63.4	49.9	48.8	204	339	214	138	98.6	89.5	81.1	67.5	123	1976
1977	57.8	47.8	41.4	40.2	138	223	147	110	141	---	---	---	---	1977
MEAN	118	82.2	60.3	51.2	177	391	352	274	248	300	268	184	217	MEAN

LOCATION - LAT 52 57 30 N
LONG 087 42 15 W
DRAINAGE AREA, 19 000 km²
NATURAL FLOW

WINISK RIVER AT KANUCHUAN RAPIDS - STATION NO. 04DA002

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1968	---	405 ON JUL 14	39.6 ON APR 10 *	6 370 000	1968
1969	---	716 ON OCT 14	52.1 ON APR 05	9 160 000	1969
1970	476 AT 16:53 EST ON OCT 19	476 ON OCT 19	48.1 ON APR 22	7 690 000	1970
1971	694 AT 17:00 EST ON MAY 28	688 ON MAY 28	67.1B ON APR 03	8 060 000	1971
1972	456 AT 17:23 EST ON JUN 07	453 ON JUN 07	51.3B ON APR 23	6 690 000	1972
1973	515 AT 18:10 EST ON JUN 04	513 ON JUN 05	47.3 ON APR 14	6 970 000	1973
1974	835 AT 22:56 EST ON JUN 28 *	830 ON JUN 27 *	47.0 ON MAY 07	7 910 000	1974
1975	447 AT 16:38 EST ON JUN 26	447 ON JUN 26	49.6 ON APR 22	5 880 000	1975
1976	391 AT 15:20 EST ON JUN 03	379 ON JUN 03	44.5 ON APR 09	3 900 000	1976
1977	261 AT 16:31 EST ON JUN 03	258 ON JUN 03	---	---	1977
				6 850 000	MEAN

B - ICE CONDITIONS
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

WINISK RIVER BELOW ASHEWEIG RIVER TRIBUTARY - STATION NO. 04DC001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1965	---	---	---	---	---	---	---	---	---	762	721	450	---	1965
1966	289	202	136	119	772	1 430	1 250	743	709	680	577	334	612	1966
1967	199	134	107	102	284	1 180	699	416	238	194	199	146	325	1967
1968	119	105	94.5	123	535	487	626	668	597	805	1 020	428	468	1968
1969	253	185	132	130	873	831	973	656	829	1 480	821	448	638	1969
1970	268	171	123	115	780	1 050	702	700	798	1 220	857	429	603	1970
1971	271	185	135	127	1 420	1 040	566	796	563	857	564	297	572	1971
1972	188	139	112	97.1	785	939	663	584	641	915	534	317	494	1972
1973	208	155	129	118	1 220	1 250	1 220	613	431	459	393	286	544	1973
1974	---	---	---	---	---	---	---	519	794	637	382	235	---	1974
1975	163	128	107	96.3	337	930	891	1 240	751	521	417	247	488	1975
1976	170	131	108	186	1 090	747	482	299	207	176	136	105	320	1976
1977	87.3	74.6	66.2	193	547	364	322	262	325	366	291	195	259	1977
1978	133	108	96.2	93.9	450	---	---	---	---	---	---	270	---	1978
1979	205	154	121	315	926	653	481	501	501	570	503	341	441	1979
1980	245	154	97.2	115	824	495	462	387	460	771	462	285	398	1980
1981	208	158	128	146	1 160	840	470	259	---	---	---	---	---	1981
1982	---	---	---	---	---	---	1 010	620	535	618	501	314	---	1982
1983	209	154	115	88.0	203	551	505	345	350	393	345	252	291	1983
1984	215	175	115	434	711	591	476	339	258	272	340	287	352	1984
1985	241	189	133	147	2 230	2 440	1 490	704	577	678	489	323	807	1985
1986	219	153	107	82.7	1 180	790	489	429	573	503	319	201	422	1986
1987	155	130	112	397	560	469	371	296	630	460	386	234	350	1987
1988	150	110	90.2	89.5	932	589	316	208	500	535	412	252	350	1988
1989	172	125	92.5	75.2	327	592	418	247	287	464	485	288	298	1989
1990	161	103	86.1	84.3	367	546	292	167	132	135	131	102	193	1990
MEAN	197	144	111	151	805	855	660	500	510	603	470	283	439	MEAN

LOCATION - LAT 54 31 00 N DRAINAGE AREA, 50 000 km²
LONG 087 14 00 W NATURAL FLOW

WINISK RIVER BELOW ASHEWEIG RIVER TRIBUTARY - STATION NO. 04DC001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1965	---	---	---	---	1965
1966	2 670 AT 11:15 EST ON MAY 20 *	1 690 ON MAY 23	111 B ON MAY 11	19 300 000	1966
1967	---	1 390E ON JUN 07	101 B ON APR 10	10 300 000	1967
1968	---	1 510RE ON NOV 05	86.7B ON APR 10	14 800 000	1968
1969	1 630 AT 19:00 EST ON OCT 09	1 630 ON OCT 09	114 B ON APR 02	20 100 000	1969
1970	---	1 440B ON MAY 31	111 B ON APR 13	19 000 000	1970
1971	---	2 120 ON MAY 20	108 B ON APR 16	18 000 000	1971
1972	---	1 530E ON MAY 23	92.9B ON APR 25	15 600 000	1972
1973	---	2 240B ON MAY 21	113 B ON APR 22	17 100 000	1973
1974	---	---	---	---	1974
1975	1 590 AT 16:56 EST ON AUG 16	1 590 ON AUG 16	92.3B ON APR 19	15 400 000	1975
1976	---	1 440E ON MAY 18	94.9B ON DEC 31	10 100 000	1976
1977	---	688E ON MAY 21	62.6B ON MAR 24	8 160 000	1977
1978	---	954 ON JUN 07	---	---	1978
1979	1 270 AT 00:33 EST ON MAY 13	1 250 ON MAY 13	110 B ON APR 09	13 900 000	1979
1980	---	1 010E ON MAY 15	50.0B ON APR 15 *	12 600 000	1980
1981	---	2 290E ON MAY 17	111 B ON MAR 30	---	1981
1982	---	---	---	---	1982
1983	735 AT 12:57 EST ON JUN 25	731 ON JUN 25	80.0B ON APR 24	9 170 000	1983
1984	---	1 240B ON APR 25	99.0B ON MAR 30	11 100 000	1984
1985	---	3 240 ON MAY 07 *	112 B ON APR 13	25 500 000	1985
1986	---	2 600E ON MAY 15	78.0B ON MAY 02	13 300 000	1986
1987	---	1 000B ON APR 24	105 B ON APR 04	11 100 000	1987
1988	---	2 120B ON MAY 05	82.2B ON APR 21	11 100 000	1988
1989	---	746E ON MAY 29	71.0B ON APR 30	9 410 000	1989
1990	---	675E ON MAY 26	82.5B ON APR 22	6 070 000	1990
				13 900 000	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD
R - REVISED SINCE JAN 01 1989

WINNIPEG RIVER ABOVE BOUNDARY FALLS - STATION NO. 05PF051

MONTHLY AND ANNUAL MEAN DISCHARGES FOR MAY TO OCT IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1928	---	---	---	---	---	742	1 320	1 140	893	1 030	---	---	---	1928
1929	---	---	---	---	---	653	576	516	549	576	---	---	---	1929
1930	---	---	---	---	---	575	508	448	400	374	---	---	---	1930
1931	---	---	---	---	---	---	368	327	366	384	---	---	---	1931
1932	---	---	---	---	---	508	460	402	---	---	---	---	---	1932
1933	---	---	---	---	935	642	498	516	440	---	---	---	---	1933
1934	---	---	---	---	---	1 120	1 180	1 030	860	755	---	---	---	1934
1935	---	---	---	---	---	762	861	861	872	953	---	---	---	1935
1936	---	---	---	---	---	898	669	566	826	527	---	---	---	1936
1937	---	---	---	---	---	946	1 000	1 230	927	689	---	---	---	1937
1938	---	---	---	---	---	2 060	1 700	735	---	---	---	---	---	1938
1939	---	---	---	---	---	555	593	578	519	489	---	---	---	1939
1940	---	---	---	---	---	451	435	363	356	390	---	---	---	1940
1941	---	---	---	---	---	524	495	510	599	---	---	---	---	1941
1942	---	---	---	---	---	759	573	560	830	763	---	---	---	1942
1943	---	---	---	---	---	1 770	2 260	1 310	790	958	---	---	---	1943
1944	---	---	---	---	---	1 220	1 730	1 340	1 600	814	---	---	---	1944
1945	---	---	---	---	---	1 140	796	764	688	651	---	---	---	1945
1946	---	---	---	---	---	1 110	936	776	649	666	---	---	---	1946
1947	---	---	---	---	---	1 480	1 840	1 040	802	717	---	---	---	1947
1948	---	---	---	---	---	983	707	704	666	639	---	---	---	1948
1949	---	---	---	---	---	626	546	536	573	652	---	---	---	1949
1950	---	---	---	---	---	2 630	2 580	2 460	1 970	1 080	---	---	---	1950
1951	---	---	---	---	---	1 310	951	723	650	689	---	---	---	1951
1952	---	---	---	---	---	620	688	921	795	666	---	---	---	1952
1953	---	---	---	---	---	833	899	836	732	606	---	---	---	1953
1954	---	---	---	---	---	2 380	2 200	1 070	830	811	---	---	---	1954
1955	---	---	---	---	---	811	827	749	660	616	---	---	---	1955
MEAN	---	---	---	---	935	1 040	1 010	822	752	692	---	---	---	MEAN

LOCATION - LAT 50 12 37 N LONG 095 05 30 W DRAINAGE AREA, 126 000 km² REGULATED

REMARKS - HIGHER MAXIMUM DISCHARGES GENERALLY OCCUR OUTSIDE THE STANDARD PERIOD

WINNIPEG RIVER ABOVE BOUNDARY FALLS - STATION NO. 05PF051

EXTREMES OF DISCHARGE AND TOTAL DISCHARGE FOR MAY TO OCT FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1928	---	---	---	---	1928
1929	---	---	---	---	1929
1930	---	---	---	---	1930
1931	---	---	---	---	1931
1932	---	---	---	---	1932
1933	---	---	---	---	1933
1934	---	1 070 ON MAY 08	---	---	1934
1935	---	---	---	---	1935
1936	---	---	---	---	1936
1937	---	---	---	---	1937
1938	---	---	---	---	1938
1939	---	2 150 ON MAY 28 *	---	---	1939
1940	---	---	---	---	1940
1941	---	---	---	---	1941
1942	---	---	---	---	1942
1943	---	---	---	---	1943
1944	---	---	473 ON JUL 05 *	---	1944
1945	---	---	---	---	1945
1946	---	---	---	---	1946
1947	---	---	---	---	1947
1948	---	---	---	---	1948
1949	---	---	---	---	1949
1950	---	---	---	---	1950
1951	---	---	---	---	1951
1952	---	---	---	---	1952
1953	---	---	---	---	1953
1954	---	---	---	---	1954
1955	---	---	---	---	1955

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

MEAN ---

WINNIPEG RIVER AT WHITEDOG FALLS POWERHOUSE - STATION NO. 05PE010

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1913	---	---	---	---	---	---	---	---	---	233	213	215	---	1913
1914	215	196	266	284	335	557	611	554	391	346	278	275	360	1914
1915	278	283	286	297	445	567	680	642	363	292	285	279	392	1915
1916	288	347	412	458	825	1 020	1 110	1 010	810	726	534	514	672	1916
1917	426	522	571	582	409	282	189	193	193	202	208	207	331	1917
1918	203	205	260	275	211	226	199	174	182	214	217	227	216	1918
1919	209	183	319	500	359	312	721	739	562	453	348	297	419	1919
1920	300	340	442	498	603	608	560	382	304	263	200	186	391	1920
1921	231	218	225	538	623	432	320	273	252	258	251	244	323	1921
1922	224	231	227	391	725	652	507	402	370	280	239	224	373	1922
1923	204	206	310	639	500	340	315	309	285	278	268	256	326	1923
1924	267	289	284	285	305	278	292	294	282	306	288	276	287	1924
1925	260	180	160	176	168	196	183	168	180	185	173	167	183	1925
1926	174	193	199	259	319	314	407	355	272	498	740	518	355	1926
1927	505	571	647	813	1 400	1 540	1 530	1 170	600	350	357	305	818	1927
1928	278	359	414	470	410	392	724	445	325	563	597	489	456	1928
1929	423	461	559	531	394	341	294	304	342	346	364	367	393	1929
1930	347	308	310	326	284	292	278	273	238	195	164	171	265	1930
1931	127	111	109	143	109	94.8	91.7	84.3	76.8	73.4	86.0	91.8	100	1931
1932	107	112	85.1	89.5	161	139	154	164	192	279	303	233	168	1932
1933	230	247	350	703	483	245	239	277	292	281	340	354	337	1933
1934	367	371	399	401	421	373	293	265	256	326	338	355	347	1934
1935	300	307	285	343	348	319	444	404	341	348	329	327	342	1935
1936	317	405	482	373	401	385	340	364	355	356	366	347	376	1936
1937	336	343	335	371	399	353	440	710	525	412	394	393	418	1937
1938	341	324	307	304	994	1 390	1 110	333	310	355	323	337	537	1938
1939	337	320	328	392	373	340	323	304	294	---	---	---	---	1939
1958	---	---	394	359	335	250	250	176	234	187	195	195	---	1958
1959	211	258	261	271	224	224	229	220	232	355	353	381	268	1959
1960	367	360	355	354	338	302	286	281	297	275	270	255	311	1960
1961	252	251	254	230	233	214	225	232	245	276	294	359	256	1961
1962	363	393	398	374	332	1 030	772	1 050	797	542	385	407	571	1962
1963	390	359	338	350	360	398	536	578	400	422	409	418	414	1963
1964	420	422	381	365	323	426	848	440	543	1 010	625	479	524	1964
1965	491	519	567	635	1 642	946	775	399	389	585	969	641	630	1965
1966	624	678	758	971	1 180	1 220	957	389	411	400	415	401	700	1966
1967	381	376	408	361	309	383	449	350	345	356	359	377	371	1967
1968	367	354	318	426	194	608	904	861	763	718	893	701	578	1968
1969	685	763	828	702	460	725	517	578	514	470	489	588	609	1969
1970	596	597	593	534	717	1 320	1 130	471	442	448	593	714	680	1970
1971	769	745	689	626	430	413	367	317	279	322	898	1 000	570	1971
1972	781	696	707	757	550	365	234	253	376	367	398	400	489	1972
1973	432	453	408	241	164	172	142	168	302	401	640	555	339	1973
1974	540	530	533	615	818	1 120	1 010	395	387	440	489	564	620	1974
1975	565	605	644	597	490	423	732	422	289	267	351	418	483	1975
1976	455	458	425	447	287	219	204	209	204	191	140	171	284	1976
1977	277	234	168	99.3	75.4	69.0	71.6	72.3	195	645	909	874	300	1977
1978	768	687	663	605	339	544	709	457	683	459	465	491	571	1978
1979	463	452	441	513	877	906	511	375	335	334	295	315	485	1979
1980	346	410	475	391	183	111	124	121	126	119	224	388	251	1980
1981	423	409	289	185	123	248	293	181	214	263	301	365	274	1981
1982	467	486	322	294	379	677	519	461	355	445	586	737	477	1982
1983	753	665	638	571	302	202	290	294	285	372	451	453	439	1983
1984	539	557	544	434	368	449	463	359	314	300	324	356	417	1984
1985	357	406R	434	425	672	R 1 010	1 110	681	R 721	R 852	830	593	676	R 1985
1986	583	628	678	582	835	714	429	390	320	415	R 401	398	527	R 1986
1987	399	403	409	359	158	114	88.8	130	115	160	264	328	243	1987
1988	340	353	285	151	123	84.2	93.7	84.4	106	344	388	390	233	1988
1989	405	483	511	519	434	681	1 140	522	338	289	259	320	492	1989
1990	314	302	267	268	241	414	610	318	225	170	178	230	295	1990
MEAN	387	395R	406	421	432	R 491	498	387	R 347	R 366	R 392	388	413	R MEAN

LOCATION - LAT 50 07 00 N
LONG 094 52 15 W REGULATED

DATA CONTRIBUTED BY - ONTARIO HYDRO

R - REVISED SINCE JAN 01 1989

WINNIPEG RIVER AT WHITEDOG FALLS POWERHOUSE - STATION NO. 05PE010

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1913	---	---	---	---	1913
1914	---	629 ON JUL 10	189 ON FEB 16	11 400 000	1914
1915	---	708 ON JUL 08	275 ON DEC 09	12 400 000	1915
1916	---	1 150 ON JUL 20	281 ON JAN 26	21 300 000	1916
1917	---	614 ON MAR 27	179 ON JUL 24	10 400 000	1917
1918	---	348 ON MAR 31	169 ON AUG 19	6 820 000	1918
1919	---	821 ON JUL 11	180 ON FEB 19	13 200 000	1919
1920	---	663 ON MAY 28	186 E ON DEC 01	12 400 000	1920
1921	---	643 ON MAY 16	218 E ON FEB 01	10 200 000	1921
1922	---	759 ON MAY 19	210 ON DEC 27	11 800 000	1922
1923	---	680 ON APR 07	198 ON JAN 22	10 300 000	1923
1924	---	317 ON MAY 18	236 ON JAN 01	9 080 000	1924
1925	---	268 ON JAN 03	147 ON MAR 28	5 770 000	1925
1926	---	852 ON NOV 07	163 ON JAN 01	11 200 000	1926
1927	---	1 570 ON JUN 02 *	238 ON DEC 28	25 800 000	1927
1928	---	773 ON JUL 21	258 ON JAN 26	14 400 000	1928
1929	---	626 ON MAR 23	254 ON JUL 26	12 400 000	1929
1930	---	388 ON JAN 19	153 ON NOV 05	8 370 000	1930
1931	---	185 ON APR 11	71.9 ON SEP 09	3 150 000	1931
1932	---	328 ON NOV 12	71.9 ON APR 04	5 320 000	1932
1933	---	847 ON APR 20	191 ON JUL 04	10 600 000	1933
1934	---	453 ON MAY 05	222 ON SEP 04	10 900 000	1934
1935	---	640 ON JUL 28	178 ON MAR 04	10 800 000	1935
1936	---	518 ON MAR 08	297 ON JAN 07	11 900 000	1936
1937	---	765 ON AUG 02	297 ON JAN 26	13 200 000	1937
1938	---	1 430 ON MAY 28	242 ON SEP 08	16 900 000	1938
1939	---	---	---	---	1939
1958	---	---	---	---	1958
1959	---	513 ON DEC 16	0 ON AUG 02 *	8 460 000	1959
1960	---	456 ON APR 26	138 ON SEP 12	9 850 000	1960
1961	---	419 ON DEC 09	88.9 ON JUN 19	8 080 000	1961
1962	---	1 230 ON AUG 25	197 ON MAY 27	18 000 000	1962
1963	---	702 ON JUL 06	241 ON MAR 31	13 000 000	1963
1964	---	1 200 ON OCT 16	140 ON MAY 17	16 600 000	1964
1965	---	1 070 ON NOV 10	248 ON SEP 06	19 900 000	1965
1966	---	1 260 ON JUL 03	203 ON AUG 23	22 100 000	1966
1967	---	544 ON JUL 11	178 ON SEP 29	11 700 000	1967
1968	---	1 130 ON AUG 06	153 ON MAY 21	18 300 000	1968
1969	---	923 ON JUN 30	259 ON AUG 03	19 200 000	1969
1970	---	1 360 ON JUN 17	300 ON SEP 05	21 400 000	1970
1971	---	1 150 ON DEC 09	182 ON OCT 24	18 000 000	1971
1972	---	807 ON JAN 01	150 ON AUG 07	15 500 000	1972
1973	---	677 ON NOV 25	74.5 ON AUG 07	10 700 000	1973
1974	---	1 160 ON JUN 17	286 ON AUG 28	19 600 000	1974
1975	---	971 ON JUL 17	181 ON SEP 21	15 200 000	1975
1976	---	501 ON FEB 18	34.8 ON DEC 04	8 970 000	1976
1977	---	985 ON DEC 03	0 ON AUG 06	9 450 000	1977
1978	---	861 ON JUL 06	151 ON JUN 04	18 000 000	1978
1979	---	990 ON MAY 29	190 ON AUG 12	15 300 000	1979
1980	---	555 ON MAR 13	0 ON MAY 24	7 940 000	1980
1981	---	516 ON JAN 05	46.1 ON MAY 10	8 630 000	1981
1982	---	786 ON DEC 31	234 ON MAR 20	15 100 000	1982
1983	---	786 ON JAN 01	124 ON JUN 22	13 800 000	1983
1984	---	597 ON MAR 28	157 ON SEP 20	13 200 000	1984
1985	---	1 180 ON JUL 16	285 ON JAN 13	21 300 000	1985
1986	---	960 ON MAY 31	266 ON AUG 27	16 600 000	1986
1987	---	471 ON MAR 09	0 ON JUN 17	7 670 000	1987
1988	---	467 ON NOV 09	18.2 ON JUN 21	7 370 000	1988
1989	---	1 230 ON JUL 07	118 ON DEC 29	15 500 000	1989
1990	---	667 ON JUL 09	94.0 ON MAY 18	9 300 000	1990
				13 000 000	MEAN

E - ESTIMATED

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

WINNIPEG RIVER BELOW LAKE OF THE WOODS OUTLETS - STATION NO. 05PE020

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1892	---	---	---	---	---	---	---	---	---	837	723	601	---	1892
1893	496	423	368	357	482	653	715	688	595	489	395	332	500	1893
1894	289	262	228	238	455	655	764	706	586	480	430	341	454	1894
1895	312	282	253	260	315	424	551	570	529	468	409	355	395	1895
1896	311	272	240	307	589	948	1 050	983	872	739	638	596	630	1896
1897	527	470	422	521	770	888	1 020	1 070	976	820	677	564	729	1897
1898	471	397	340	312	317	353	507	587	637	546	432	364	439	1898
1899	409	406	387	483	765	987	1 100	R 1 090	987	426	354	464	656 R	1899
1900	506	463	416	294	278	273	271	271	318	827	1 120	1 120	514	1900
1901	1 020	890	760	404	623	777	811	656	397	357	324	315	610	1901
1902	311	301	291	294	328	747	838	556	423	406	404	400	442	1902
1903	395	388	374	378	827	898	833	555	429	404	388	380	522	1903
1904	373	365	362	368	416	458	476	475	456	420	422	335	411	1904
1905	329	323	321	328	346	384	678	1 070	1 040	747	430	421	537	1905
1906	420	412	409	492	840	705	658	630	487	400	364	333	513	1906
1907	334	318	301	291	316	396	398	369	484	589	597	559	413	1907
1908	543	516	491	479	523	646	617	575	515	437	362	300	500	1908
1909	282	284	308	308	313	333	336	331	338	340	340	338	321	1909
1910	330	334	404	626	699	619	461	376	333	288	249	230	413	1910
1911	218	201	194	255	248	253	248	226	190	168	159	157	210	1911
1912	157	164	170	178	184	154	138	154	154	275	311	326	197	1912
1913	327	271	198	242	520	569	425	422	361	232	229	228	336	1913
1914	227	237	292	277	348	523	564	515	383	325	281	274	355	1914
1915	286	290	273	407	518	557	706	560	355	288	285	284	402	1915
1916	272	385	425	514	905	1 110	1 180	1 030	833	717	575	481	704	1916
1917	426	540	603	587	363	244	181	186	191	206	209	202	327	1917
1918	205	210	315	219	195	201	178	172	198	216	213	215	211	1918
1919	192	182	398	512	325	320	841	782	547	480	340	285	436	1919
1920	288	333	449	519	644	607	548	360	310	237	196	185	390	1920
1921	230	218	235	580	618	393	288	234	247	249	250	227	314	1921
1922	217	229	223	436	696	659	461	390	334	244	223	211	361	1922
1923	192	198	400	617	424	314	310	309	289	293	283	263	325	1923
1924	271	275	275	266	268	256	283	276	287	298	277	267	275	1924
1925	237	158	150	162	139	151	138	154	171	185	172	168	166	1925
1926	172	155	170	266	293	276	424	281	261	594	645	457	334	1926
1927	461	542	586	836	1 330	1 430	1 410	1 030	453	317	324	289	752	1927
1928	274	364	405	436	340	443	620	329	291	617	561	459	429	1928
1929	435	470	565	464	337	295	269	307	331	322	345	325	371	1929
1930	313	282	271	274	220	237	242	242	195	170	141	155	228	1930
1931	99.2	99.0	99.5	122	77.4	80.4	86.1	86.4	84.4	86.3	94.3	91.8	92.2	1931
1932	99.1	89.1	67.7	84.4	127	110	148	145	191	254	255	196	147	1932
1933	206	238	396	656	340	181	206	285	261	275	324	315	307	1933
1934	338	342	360	332	332	292	251	232	229	310	312	307	303	1934
1935	260	252	275	289	286	254	477	297	305	304	292	280	298	1935
1936	324	401	449	327	327	331	321	340	323	340	323	310	343	1936
1937	282	288	300	318	301	292	454	658	445	366	353	348	368	1937
1938	281	269	266	260	1 130	1 310	985	267	313	309	309	296	492	1938
1939	273	271	333	362	311	305	276	267	256	258	281	266	288	1939
1940	254	234	256	277	226	226	220	199	211	226	210	194	228	1940
1941	206	206	224	231	228	203	196	282	421	1 300	1 140	709	453	1941
1942	508	399	373	346	384	422	337	304	609	328	331	320	388	1942
1943	326	394	430	347	718	1 270	1 220	411	326	341	345	340	540	1943
1944	336	341	322	312	279	1 080	1 040	1 110	1 100	307	412	594	603	1944
1945	503	460	444	887	1 090	566	344	319	339	307	368	322	496	1945
1946	341	348	358	606	759	381	338	335	290	315	333	324	394	1946
1947	361	449	494	496	488	1 100	900	449	369	413	362	355	520	1947
1948	379	392	455	604	1 020	434	363	368	362	361	363	309	451	1948
1949	310	321	323	314	282	230	228	298	336	334	351	344	306	1949
1950	356	384	390	387	1 170	1 480	1 560	1 530	1 220	608	433	537	841	1950
1951	535	542	536	534	1 010	734	416	316	324	367	391	529	519	1951
1952	600	542	531	448	298	245	316	360	338	307	299	328	384	1952
1953	285	280	282	238	199	207	343	336	339	344	333	315	292	1953
1954	297	319	429	460	956	1 300	745	348	342	336	321	275	511	1954
1955	277	284	282	256	261	187	254	286	271	235	283	330	267	1955
1956	339	475	606	730	553	634	416	380	329	324	311	345	453	1956
1957	426	382	314	264	277	258	723	314	298	337	366	393	363	1957
1958	399	369	364	320	305	224	191	172	231	178	169	176	258	1958
1959	197	233	235	244	180	172	173	202	222	335	331	368	241	1959
1960	361	358	347	309	302	292	272	279	283	263	262	224	296	1960
1961	222	223	238	194	200	202	209	232	231	248	285	337	235	1961
1962	339	369	366	328	274	1 230	799	1 200	766	542	369	388	581	1962
1963	371	339	321	309	317	362	510	558	374	400	395	395	388	1963
1964	396	396	344	316	283	417	910	399	581	1 090	638	458	520	1964
1965	473	512	567	610	616	979	695	362	373	651	921	574	611	1965
1966	656	703	828	1 080	1 350	1 380	932	418	422	434	444	415	755	1966
1967	400	395	423	330	307	395	472	358	377	396	395	396	387	1967
1968	390	367	328	207	187	684	1 100	872	820	784	952	701	617	1968
1969	709	841	849	717	460	816	484	622	552	507	541	614	641	1969
1970	621	623	622	538	778	1 320	1 190	438	457	449	616	767	702	1970
1971	815	801	739	623	435	417	363	334	281	336	1 070	1 020	601	1971
1972	847	743	796	837	550	357	258	264	392	396	421	425	523	1972
1973	454	472	418	230	170	171	140	143	278	424	600	577	345	1973
1974	565	567	562	575	888	1 280	1 040	366	402	460	516	566	649	1974

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WINNIPEG RIVER BELOW LAKE OF THE WOODS OUTLETS - STATION NO. 05PE020 (CONTINUED)

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1975	567	639	680	610	488	414	779	417	284	285	365	424	496	1975
1976	472	473	426	423	296	227	226	227	225	189	169	201	296	1976
1977	254	253	170	85.1	69.8	62.1	62.5	62.6	188	700	894	934	311	1977
1978	753	668	675	558	495	559	729	484	695	492	477	476	571	1978
1979	463	450	441	489	922	894	507	366	361	329	310	311	487	1979
1980	361	415	478	393	168	112	110	111	112	114	212	393	248	1980
1981	423	411	297	164	113	221	302	172	200	259	312	367	269	1981
1982	476	463	314	283	360	700	491	482	376	454	585	764	479	1982
1983	749	663	603	529	276	178	287	297	304	404	473	482	436	1983
1984	563	572	565	434	369	452	483	376	328	303	344	353	428	1984
1985	362	433	456	416	771	1 020	1 170	634	743	955	813	595	699	1985
1986	585	642	685	499	896	671	420	375	308	409	399	398	524	1986
1987	397	397	398	336	147	125	99.9	136	129	179	282	335	246	1987
1988	348	352	272	158	123	107	99.7	99.6	195	395	400	417	247	1988
1989	423	529	546	537	443	776	1 160	520	386	319	301	349	525	1989
1990	348	328	299	282	273	436	668	356	254	201	203	248	325	1990
MEAN	384	386	393	400	461	530	531 R	433	399	403	405	389	426 R	MEAN

LOCATION - LAT 49 47 00 N
LONG 094 30 50 W

DRAINAGE AREA, 70 400 km²
REGULATED

R - REVISED SINCE JAN 01 1989

REMARKS - DAILY DISCHARGES OBTAINED BY SUMMATION OF FLOWS AT THE OUTLETS OF THE LAKE OF THE WOODS

WINNIPEG RIVER BELOW LAKE OF THE WOODS OUTLETS - STATION NO. 05PE020

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1892	---	---	---	---	1892
1893	---	725 ON JUL 17	297 ON DEC 31	15 800 000	1893
1894	---	779 ON JUL 17	201 ON APR 08	14 300 000	1894
1895	---	580 ON JUL 29	237 ON MAR 31	12 500 000	1895
1896	---	1 070 ON JUL 07	221 ON MAR 29	19 900 000	1896
1897	---	1 090 ON JUL 26	394 ON MAR 21	23 000 000	1897
1898	---	665 ON OCT 08	289 ON NOV 20	13 800 000	1898
1899	---	1 120 ON JUL 17	328 ON OCT 22	20 700 000	1899
1900	---	1 140 ON NOV 20	244 ON JUL 22	16 200 000	1900
1901	---	1 090 ON JAN 01	294 ON DEC 22	19 200 000	1901
1902	---	946 ON JUL 04	273 ON MAR 09	14 000 000	1902
1903	---	946 ON MAY 25	343 ON APR 05	16 500 000	1903
1904	---	643 ON NOV 05	311 ON DEC 25	13 000 000	1904
1905	---	1 110 ON AUG 21	300 ON MAR 19	16 900 000	1905
1906	---	864 ON APR 30	303 ON DEC 30	16 200 000	1906
1907	---	614 ON OCT 29	286 ON MAR 31	13 000 000	1907
1908	---	677 ON JUN 14	286 ON DEC 19	15 800 000	1908
1909	---	354 ON SEP 25	268 ON JAN 24	10 100 000	1909
1910	---	714 ON MAY 04	217 ON DEC 18	13 000 000	1910
1911	---	266 ON JUN 27	144 ON DEC 03	6 620 000	1911
1912	---	340 ON NOV 28	125 ON JUL 21	6 240 000	1912
1913	---	592 ON JUN 06	166 ON APR 06	10 600 000	1913
1914	---	580 ON JUL 18	200 ON JAN 25	11 200 000	1914
1915	---	745 ON JUL 29	246 ON APR 04	12 700 000	1915
1916	---	1 230 ON JUN 30	227 ON JAN 16	22 300 000	1916
1917	---	651 ON MAR 17	140 ON JUL 01	10 300 000	1917
1918	---	496 ON MAR 28	143 ON APR 14	6 660 000	1918
1919	---	912 ON JUL 08	160 ON JAN 19	13 700 000	1919
1920	---	677 ON MAY 25	156 ON DEC 25	12 300 000	1920
1921	---	671 ON MAY 12	177 ON DEC 25	9 910 000	1921
1922	---	731 ON MAY 18	152 ON DEC 10	11 400 000	1922
1923	---	731 ON APR 06	154 ON JAN 28	10 200 000	1923
1924	---	320 ON AUG 20	138 ON SEP 01	8 700 000	1924
1925	---	268 ON JAN 01	22.0 ON JUL 01	5 220 000	1925
1926	---	847 ON OCT 23	36.0 ON JUL 01	10 500 000	1926
1927	---	1 460 ON JUN 27	68.5 ON DEC 25	23 700 000	1927
1928	---	920 ON JUN 26	41.9 ON SEP 09	13 600 000	1928
1929	---	651 ON MAR 13	52.7 ON JUN 30	11 700 000	1929
1930	---	382 ON JAN 17	34.8 ON OCT 19	7 200 000	1930
1931	---	257 ON APR 01	34.0 ON OCT 04	2 910 000	1931
1932	---	328 ON NOV 17	32.6 ON JUN 19	4 660 000	1932
1933	---	793 ON APR 17	32.0 ON OCT 08	9 670 000	1933
1934	---	405 ON FEB 06	34.8 ON NOV 04	9 550 000	1934
1935	---	714 ON JUL 25	39.9 ON MAY 26	9 400 000	1935
1936	---	572 ON FEB 29	51.3 ON AUG 30	10 800 000	1936
1937	---	725 ON AUG 06	54.9 ON JUN 13	11 600 000	1937
1938	---	1 370 ON MAY 31	43.0 ON APR 15	15 500 000	1938
1939	---	439 ON APR 04	4.81 ON AUG 06 *	9 090 000	1939
1940	---	340 ON JAN 04	51.5 ON JAN 21	7 200 000	1940
1941	---	1 410 ON OCT 14	47.3 ON JUL 01	14 300 000	1941
1942	---	759 ON SEP 22	55.8 ON DEC 25	12 200 000	1942
1943	---	1 380 ON JUL 02	61.2 ON SEP 06	17 000 000	1943
1944	---	1 370 ON AUG 17	53.2 ON MAY 21	19 100 000	1944
1945	---	1 350 ON APR 26	62.0 ON OCT 14	15 600 000	1945
1946	---	909 ON MAY 27	67.1 ON JUL 01	12 400 000	1946
1947	---	1 390 ON JUN 20	76.7 ON JAN 01	16 400 000	1947
1948	---	1 320 ON MAY 10	80.4 ON SEP 06	14 300 000	1948
1949	---	399 ON DEC 30	55.8 ON JUN 19	9 640 000	1949
1950	---	1 590 ON JUL 31 *	215 ON NOV 19	26 500 000	1950
1951	---	1 050 ON MAY 10	132 ON OCT 07	16 400 000	1951
1952	---	665 ON JAN 09	89.2 ON JUL 01	12 100 000	1952
1953	---	396 ON SEP 30	77.6 ON FEB 01	9 200 000	1953
1954	---	1 360 ON JUN 08	99.7 ON JAN 01	16 100 000	1954
1955	---	374 ON DEC 30	96.3 ON JUN 19	8 420 000	1955
1956	---	799 ON MAY 08	118 ON SEP 03	14 300 000	1956
1957	---	864 ON AUG 01	15.5 ON SEP 15	11 400 000	1957
1958	---	419 ON JAN 03	51.3 ON OCT 05	8 120 000	1958
1959	---	402 ON NOV 11	69.1 ON JUL 26	7 600 000	1959
1960	---	399 ON JAN 08	81.0 ON DEC 04	9 360 000	1960
1961	---	379 ON DEC 12	66.8 ON JUN 04	7 420 000	1961
1962	---	1 390 ON AUG 15	75.3 ON MAY 21	18 300 000	1962
1963	---	753 ON JUL 04	92.0 ON APR 28	12 200 000	1963
1964	---	1 370 ON OCT 06	144 ON MAY 03	16 400 000	1964
1965	---	1 140 ON OCT 21	193 ON AUG 29	19 300 000	1965
1966	---	1 400 ON MAY 24	292 ON AUG 21	23 800 000	1966
1967	---	566 ON JUL 06	222 ON SEP 04	12 200 000	1967
1968	---	1 360 ON JUL 22	140 ON APR 14	19 500 000	1968
1969	---	988 ON JUN 13	193 ON MAY 26	20 200 000	1969
1970	---	1 360 ON JUN 17	303 ON SEP 07	22 100 000	1970
1971	---	1 290 ON NOV 25	231 ON SEP 06	19 000 000	1971
1972	---	864 ON FEB 11	212 ON JUL 01	16 500 000	1972
1973	---	691 ON NOV 10	125 ON JUL 26	10 900 000	1973
1974	---	1 370 ON JUN 17	340 ON AUG 16	20 500 000	1974
1975	---	1 170 ON JUL 12	276 ON SEP 07	15 600 000	1975
1976	---	496 ON FEB 18	163 ON NOV 14	9 350 000	1976
1977	---	1 100 ON NOV 29	59.7 ON JUN 16	9 810 000	1977
1978	---	906 ON JUL 04	222 ON MAY 31	18 000 000	1978
1979	---	1 000 ON JUN 13	294 ON DEC 20	15 400 000	1979
1980	---	486 ON FEB 19	70.3 ON JUL 01	7 840 000	1980
1981	---	436 ON JAN 29	101 ON MAY 05	8 500 000	1981
1982	---	784 ON DEC 22	229 ON APR 11	15 100 000	1982
1983	---	779 ON JAN 15	166 ON JUN 09	13 700 000	1983
1984	---	581 ON MAR 23	299 ON OCT 26	13 500 000	1984
1985	---	1 240 ON JUL 03	348 ON JAN 10	22 000 000	1985
1986	---	1 040 ON JUN 02	295 ON SEP 01	16 500 000	1986
1987	---	401 ON MAR 30	99.3 ON JUL 12	7 750 000	1987
1988	---	424 ON DEC 21	98.3 ON JUN 07	7 810 000	1988
1989	---	1 280 ON JUL 08	242 ON NOV 11	16 500 000	1989

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WINNIPEG RIVER BELOW LAKE OF THE WOODS OUTLETS - STATION NO. 05PE020 (CONTINUED)

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE	MAXIMUM DAILY DISCHARGE	MINIMUM DAILY DISCHARGE	TOTAL DISCHARGE	YEAR
1990	---	706 ON JUL 14	200 ON OCT 09	10 200 000	1990
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		13 400 000	MEAN

WINNIPEG RIVER WEST BRANCH, KEEWATIN RIVER BRIDGE - STATION NO. 05PE008

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1907	334	318	301	291	316	396	398	364	468	573	581	541	407	1907
1908	527	495	474	463	506	628	599	556	498	419	345	281	483	1908
1909	262	261	286	278	287	313	317	314	318	313	311	307	297	1909
1910	299	305	379	594	666	593	438	354	309	258	216	194	384	1910
1911	183	166	163	223	218	225	225	204	160	134	122	121	179	1911
1912	120	125	132	140	150	123	110	123	133	247	279	292	165	1912
1913	189	225	164	216	489	538	398	402	337	197	194	193	305	1913
1914	196	208	264	255	325	498	542	490	358	297	254	245	329	1914
1915	257	261	249	381	493	534	1 682	541	330	253	247	246	374	1915
1916	242	359	400	490	872	1 060	1 130	990	801	686	542	450	670	1916
1917	398	503	570	550	324	212	151	166	170	170	171	164	294	1917
1918	166	171	201	188	166	168	153	155	175	181	177	175	180	1918
1919	162	163	373	484	293	298	808	756	521	445	303	252	407	1919
1920	258	312	428	497	619	577	521	342	292	209	175	166	366	1920
1921	207	196	215	559	598	377	270	216	221	216	212	202	291	1921
1922	197	209	204	416	675	639	442	371	308	212	190	177	337	1922
1923	163	164	318	513	328	222	224	211	193	181	182	162	239	1923
1924	161	155	151	145	157	155	158	153	162	---	---	---	---	1924
MEAN	246	256	297	371	416	420	420	373	320	294	265	245	336	MEAN

LOCATION - LAT 49 46 15 N
LONG 094 33 00 W REGULATED

WINNIPEG RIVER WEST BRANCH, KEEWATIN RIVER BRIDGE - STATION NO. 05PE008

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1907	---	597 ON OCT 29	286 ON MAR 31	12 800 000	1907
1908	---	660 ON JUN 14	267 ON DEC 19	15 300 000	1908
1909	---	323 ON AUG 25	249 ON JAN 24	9 380 000	1909
1910	---	680 ON MAY 04	188 ON DEC 27	12 100 000	1910
1911	---	233 ON JUN 28	121 ON NOV 03	5 640 000	1911
1912	---	306 ON NOV 28	100 ON JUL 02 *	5 200 000	1912
1913	---	555 ON JUN 12	147 ON MAR 31	9 610 000	1913
1914	---	555 ON JUL 16	174 ON JAN 25	10 400 000	1914
1915	---	716 ON JUL 29	224 ON DEC 25	11 800 000	1915
1916	---	1 170 ON JUL 10 *	202 ON JAN 16	21 200 000	1916
1917	---	614 ON MAR 14	122 ON JUN 24	9 280 000	1917
1918	---	456 ON MAR 28	121 ON FEB 17	5 670 000	1918
1919	---	878 ON JUL 08	140 ON JAN 01	12 800 000	1919
1920	---	648 ON MAY 25	137 ON DEC 25	11 600 000	1920
1921	---	648 ON MAY 17	157 ON DEC 26	9 180 000	1921
1922	---	708 ON MAY 19	131 ON DEC 10	10 600 000	1922
1923	---	617 ON APR 05	135 ON FEB 18	7 530 000	1923
1924	---	---	---	---	1924
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		10 600 000	MEAN

WIXON CREEK BELOW ALTONA - STATION NO. 02HC046

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1974	---	---	0.315	0.267	0.204	0.111	0.106	0.072	0.076	0.077	0.098	0.090	---	1974
1975	0.128	0.328	0.267	0.263	0.122	0.083	0.055	0.050	0.062	0.072	0.097	0.097	0.134	1975
1976	0.093	0.146	0.451	0.170	0.144	0.086	0.115	0.064	0.074	0.085	0.080	0.079	0.133	1976
1977	0.061	0.060	0.344	0.127	0.066	0.058	0.060	0.064	0.122	0.129	0.165	0.161	0.118	1977
1978	0.153	0.110	0.147	0.492	0.260	0.088	0.065	0.085	0.104	0.108	0.111	0.100	0.152	1978
1979	0.147	0.105	0.676	0.251	0.136	0.090	0.077	0.088	0.084	0.122	0.143	0.179	0.176	1979
1980	0.146	0.061	0.430	0.300	0.110	0.101	0.115	0.079	0.096	0.123	0.112	0.148	0.152	1980
1981	0.091	0.468	0.141	0.135	0.116	0.090	0.071	0.124	0.125	0.149	0.146	0.107	0.145	1981
1982	0.094	0.072	0.301	0.413	---	---	---	---	---	---	---	---	---	1982
MEAN	0.114	0.169	0.341	0.269	0.145	0.088	0.083	0.078	0.093	0.108	0.119	0.120	0.144	MEAN

LOCATION - LAT 43 57 36 N
LONG 079 10 57 W DRAINAGE AREA, 10.6 km^2
NATURAL FLOW

WIXON CREEK BELOW ALTONA - STATION NO. 02HC046

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1974	---	1.78A ON APR 14	0.065 ON AUG 16	---	1974
1975	10.5 AT 19:26 EST ON FEB 24 *	4.73 ON FEB 24 *	0.034 ON JUL 29 *	4 220	1975
1976	5.64 AT 04:00 EST ON MAR 21	3.34 ON MAR 21	0.042 ON AUG 22	4 190	1976
1977	6.31 AT 05:00 EST ON MAR 13	2.56 ON MAR 13	0.034 ON JUL 26	3 740	1977
1978	5.49 AT 14:14 EST ON MAY 14	2.61 ON APR 07	0.051 ON JUL 28	4 780	1978
1979	5.26 AT 06:15 EST ON MAR 14	2.73 ON MAR 14	0.056 ON JUL 30	5 540	1979
1980	7.71 AT 15:29 EST ON MAR 21	4.60B ON MAR 21	0.040B ON MAR 16	4 810	1980
1981	4.20E AT 16:50 EST ON FEB 20	2.49E ON FEB 20	0.053 ON JUL 13	4 560	1981
1982	6.09 AT 14:27 EST ON MAR 31	3.68 ON MAR 31	---	---	1982
				4 550	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX)
B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

WOLF RIVER AT HIGHWAY NO. 17 - STATION NO. 02AC001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1971	5.35	4.05	3.75	27.9	47.9	18.3	4.53	1.91	1.56	7.00	14.9	6.07	12.0	1971
1972	2.78	1.77	2.15	6.77	36.4	11.3	7.29	4.29	2.12	0.692	2.26	1.41	6.64	1972
1973	1.06	0.760	1.38	17.5	19.6	8.54	6.11	6.12	10.5	8.98	10.4	6.68	8.16	1973
1974	2.46	1.47	0.959	15.1	41.4	20.6	9.73	6.59	6.47	7.30	6.68	4.08	10.3	1974
1975	3.44	2.38	2.10	10.7	27.6	15.1	4.83	1.70	1.26	2.96	4.17	3.54	6.67	1975
1976	1.79	1.43	1.46	41.1	19.6	11.8	5.12	1.72	0.713	0.659	0.741	0.529	7.19	1976
1977	0.407	0.423	2.32	20.0	11.6	8.23	7.35	2.76	20.2	18.4	11.7	6.39	9.16	1977
1978	2.16	0.467	0.553	5.94	21.0	11.7	3.42	2.20	1.99	1.74	1.01	0.751	4.43	1978
1979	0.481	0.418	0.614	15.9	37.5	7.83	2.39	1.14	0.749	0.563	2.58	1.94	6.04	1979
1980	1.30	1.00	0.646	15.0	17.0	3.33	2.94	1.89	12.7	9.73	7.71	3.31	6.37	1980
1981	1.83	1.71	1.75	18.2	14.2	13.5	6.23	1.58	0.736	1.87	1.91	0.925	5.37	1981
1982	0.578	0.438	0.403	8.02	23.8	5.42	4.60	2.11	1.81	11.3	10.7	6.82	6.40	1982
1983	2.25	1.29	2.32	8.50	22.5	9.97	5.08	1.45	0.890	6.26	7.19	5.35	6.12	1983
1984	2.19	1.99	0.952	12.9	18.1	15.2	9.68	4.83	2.40	4.23	5.16	7.38	7.09	1984
1985	2.89	0.866	1.28	9.42	18.9	11.5	6.33	4.72	6.77	17.3	11.4	4.12	7.99	1985
1986	2.22	1.66	1.59	19.1	22.7	6.41	4.34	2.52	1.43	2.06	4.25	2.50	5.91	1986
1987	1.21	1.03	1.44	4.21	3.19	2.30	0.787	2.31	2.14	3.49	3.28	2.18	2.30	1987
1988	1.10	0.900	0.968	8.53	8.18	4.01	2.69	10.6	8.24	9.83	14.7	7.32	6.43	1988
1989	4.34	2.87	1.88	10.2	32.9	11.3	6.10	3.46	2.25	1.64	2.06	1.48	6.74	1989
1990	1.15	0.720	1.20	9.12	16.9	8.50	5.63	2.25	2.03	5.44	5.22	3.70	5.18	1990
MEAN	2.05	1.38	1.49	14.2	23.0	10.2	5.26	3.32	4.35	6.07	6.40	3.82	6.82	MEAN

LOCATION - LAT 48 49 19 N
LONG 088 32 07 W
DRAINAGE AREA, 736 km^2
NATURAL FLOW

WOLF RIVER AT HIGHWAY NO. 17 - STATION NO. 02AC001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1971	179 AT 07:46 EST ON MAY 26 *	174 ON MAY 26 *	1.10 ON SEP 04	377 000	1971
1972	94.6 AT 16:46 EST ON MAY 03	86.7 ON MAY 03	0.164 ON OCT 02 *	210 000	1972
1973	58.3 AT 06:42 EST ON APR 23	57.2 ON APR 23	0.706B ON FEB 16	257 000	1973
1974	72.2 AT 07:29 EST ON APR 28	69.9 ON APR 28	0.881B ON MAR 19	324 000	1974
1975	59.5 AT 00:21 EST ON MAY 03	57.5 ON MAY 03	0.903 ON OCT 07	210 000	1975
1976	125 AT 05:10 EST ON APR 20	119 ON APR 20	0.431B ON DEC 31	227 000	1976
1977	56.1 AT 05:17 EST ON SEP 11	54.1 ON SEP 11	0.396B ON FEB 01	289 000	1977
1978	44.5 AT 05:13 EST ON APR 30	42.8 ON APR 30	0.430B ON MAR 18	140 000	1978
1979	93.6 AT 11:14 EST ON MAY 12	91.5 ON MAY 12	0.396B ON FEB 17	191 000	1979
1980	51.7 AT 04:44 EST ON APR 24	48.9 ON APR 24	0.602B ON MAR 17	201 000	1980
1981	29.9 AT 05:58 EST ON APR 19	29.1 ON APR 19	0.475 ON DEC 31	169 000	1981
1982	49.8 AT 07:23 EST ON APR 27	47.1 ON APR 27	0.393B ON MAR 08	202 000	1982
1983	47.0 AT 03:20 EST ON APR 30	45.9 ON APR 29	0.698 ON SEP 08	193 000	1983
1984	38.7 AT 22:44 EST ON MAY 10	36.4 ON MAY 11	0.810B ON MAR 26	224 000	1984
1985	37.1 AT 19:43 EST ON OCT 06	35.1 ON OCT 06	0.780B ON FEB 18	252 000	1985
1986	58.7 AT 14:37 EST ON MAY 02	56.8 ON MAY 02	1.09 B ON FEB 11	187 000	1986
1987	6.69 AT 11:37 EST ON APR 12	6.56 ON APR 12	0.425 ON JAN 21	72 500	1987
1988	29.4 AT 14:38 EST ON NOV 19	29.1 ON NOV 19	0.782 ON FEB 25	203 000	1988
1989	61.1 AT 13:21 EST ON MAY 06	60.3 ON MAY 06	1.05 B ON DEC 07	213 000	1989
1990	34.0 AT 13:56 EST ON APR 30	32.9 ON APR 30	0.670B ON FEB 18	163 000	1990
				215 000	MEAN

B - ICE CONDITIONS
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

WYE CREEK NEAR THORNDALE - STATION NO. 02GD013

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1953	---	---	---	---	---	---	---	---	---	---	---	---	---	1953
1954	0.278	1.92	1.89	0.984	0.109	0.004	0.006	0	0	0.602	0.179	0.838	0.559	1954
1955	0.819	0.558	2.18	0.474	0.073	0	0.037	0	0	---	---	---	---	1955
1956	---	---	3.78	1.02	1.14	0.120	0.184	---	---	---	---	---	---	1956
1957	---	---	0.752	0.713	0.475	---	---	---	---	---	---	---	---	1957
1958	---	---	0.893	0.274	---	---	---	---	---	---	---	---	---	1958
1959	---	---	2.39	0.999	---	---	---	---	---	---	---	---	---	1959
1960	---	---	---	1.78	---	---	---	---	---	---	---	---	---	1960
1961	---	---	0.564	0.670	---	---	---	---	---	---	---	---	---	1961
1962	---	---	---	0.396	---	---	---	---	---	---	---	---	---	1962
1963	---	---	---	0.373	---	---	---	---	---	---	---	---	---	1963
1964	---	---	---	0.608	---	---	---	---	---	---	---	---	---	1964
1965	---	---	---	1.60	---	---	---	---	---	---	---	---	---	1965
1966	---	---	0.982	0.643	---	---	---	---	---	---	---	---	---	1966
1967	---	---	---	1.07	---	---	---	---	---	---	---	---	---	1967
1968	---	---	---	0.243	---	---	---	---	---	---	---	---	---	1968
1969	---	---	---	1.01	---	---	---	---	---	---	---	---	---	1969
1970	---	---	---	0.920	---	---	---	---	---	---	---	---	---	1970
1971	---	---	---	0.713	---	---	---	---	---	---	---	---	---	1971
1972	---	---	---	1.10	---	---	---	---	---	---	---	---	---	1972
1973	---	---	---	0.412	---	---	---	---	---	---	---	---	---	1973
1974	---	---	1.41	0.709	0.834	0.154	0.073	0	0	0.006	0.079	0.046	---	1974
1975	0.692	0.702	1.52	1.07	0.102	0.101	0.008	0.018	0.055	0.003	0.053	0.485	0.399	1975
1976	0.199	2.05	2.24	0.460	0.457	0.030	0.491	0.120	0.305	0.170	0.551	0.127	0.612	1976
1977	0.042	0.123	4.62	0.627	0.011	0.042	0.008	0.036	0.829	0.789	0.693	1.36	0.776	1977
1978	0.261	0.162	0.954	2.83	0.166	0.042	0	0	0.010	0.062	0.094	0.186	0.395	1978
1979	0.345	0.049	1.59	1.43	0.268	0.047	0.006	0.002	0.002	0.010	0.387	0.766	0.411	1979
1980	0.358	0.047	1.14	0.898	0.141	0.061	0.539	0.024	0.040	0.106	0.052	0.703	0.345	1980
1981	0.045	2.50	0.449	0.567	0.191	0.169	0.021	0.005	0.367	0.863	0.381	0.278	0.471	1981
1982	0.230	0.050	2.19	1.39	0.287	0.267	0.017	0.010	0.106	0.034	1.42	1.76	0.651	1982
1983	0.311	0.634	0.467	0.722	1.01	0.254	0.069	0.227	0.020	0.043	0.388	1.10	0.438	1983
1984	0.087	2.06	1.09	0.452	0.252	0.743	0.317	0.030	0.514	0.072	0.491	0.936	0.579	1984
1985	0.471	2.29	2.55	0.956	0.043	0.165	0.034	0.171	0.387	0.674	1.23	0.575	0.785	1985
1986	0.792	0.263	2.00	0.354	0.218	0.220	0.074	0.044	1.06	0.988	0.351	0.596	0.584	1986
1987	0.248	0.047	1.43	0.762	0.183	0.086	0.014	0.008	0.005	0.022	0.292	1.10	0.353	1987
1988	0.137	0.183	1.04	0.475	0.095	0.007	0.005	0.008	0.026	0.304	0.965	0.420	0.297	1988
1989	0.414	0.134	0.691	0.835	0.088	0.108	0.016	0.006	0.010	0.022	0.151	0.043	0.193	1989
1990	1.40	1.62	0.913	0.443	0.289	0.052	0.307	0.589	0.509	0.910	1.29	1.48	0.814	1990
MEAN	0.397	0.855	1.59	0.832	0.307	0.132	0.111	0.079	0.223	0.316	0.471	0.680	0.509	MEAN

LOCATION - LAT 43 05 30 N DRAINAGE AREA, 38.9 km²
LONG 081 09 03 W NATURAL FLOW

WYE CREEK NEAR THORNDALE - STATION NO. 02GD013

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1953	---	---	---	---	1953
1954	---	15.3 ON MAR 01	0 ON MAY 31 *	17 600	1954
1955	---	14.4 ON MAR 11	0 ON MAY 27	---	1955
1956	---	---	---	---	1956
1957	---	---	---	---	1957
1958	---	---	---	---	1958
1959	---	---	---	---	1959
1960	---	---	---	---	1960
1961	---	---	---	---	1961
1962	---	---	---	---	1962
1963	---	---	---	---	1963
1964	---	---	---	---	1964
1965	---	---	---	---	1965
1966	---	---	---	---	1966
1967	---	---	---	---	1967
1968	---	---	---	---	1968
1969	---	---	---	---	1969
1970	---	---	---	---	1970
1971	---	---	---	---	1971
1972	---	---	---	---	1972
1973	---	---	---	---	1973
1974	23.4 AT 03:41 EST ON MAR 05	10.8 ON MAR 05	0 ON JUL 18	---	1974
1975	16.3 AT 07:49 EST ON APR 19	8.61 ON APR 19	0 ON MAY 29	12 600	1975
1976	61.1 AT 15:25 EST ON MAR 05 *	24.8 ON MAR 05	0.001 ON JUN 23	19 300	1976
1977	42.5 AT 05:11 EST ON MAR 13	32.3 ON MAR 10 *	0 ON JUN 23	24 300	1977
1978	26.8 AT 17:36 EST ON APR 01	13.6 ON APR 01	0 ON JUL 01	12 500	1978
1979	20.2 AT 02:28 EST ON APR 14	11.4 ON APR 14	0 ON JUL 08	13 000	1979
1980	42.5 AT 04:27 EST ON JUL 08	11.3 ON JUL 08	0.002 ON JUN 27	10 900	1980
1981	18.4 AT 03:20 EST ON FEB 23	11.4 ON FEB 23	0 ON JUL 16	14 900	1981
1982	23.4 AT 11:07 EST ON DEC 25	19.0 E ON MAR 31	0 ON JUL 25	20 500	1982
1983	11.4 AT 20:48 EST ON MAY 02	6.19 ON MAY 02	0.001 ON JUL 28	13 800	1983
1984	---	17.0 E ON FEB 14	0.008 ON AUG 16	18 100	1984
1985	---	22.0 E ON FEB 24	0 ON AUG 12	24 700	1985
1986	17.9 AT 06:30 EST ON SEP 30	7.0 E ON MAR 19	0.002 ON SEP 05	18 400	1986
1987	13.7 AT 17:20 EST ON DEC 20	7.95 ON MAR 08	0 ON JUL 29	11 100	1987
1988	10.2 AT 19:50 EST ON MAR 25	5.35 ON DEC 28	0 ON JUN 21	9 400	1988
1989	8.08 AT 10:37 EST ON JAN 08	3.64 ON JAN 08	0 ON JUL 16	6 100	1989
1990	34.7 AT 00:45 EST ON NOV 06	15.6 ON NOV 06	0.009 ON JUN 19	25 700	1990
				16 100	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

WYE RIVER AT WYEBRIDGE - STATION NO. 02ED011

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1973	---	---	---	---	---	---	---	---	---	---	4.19	2.25	---	1973
1974	1.77	1.52	4.57	4.70	2.77	0.901	1.14	0.649	0.646	1.05	1.59	1.15	1.87	1974
1975	1.74	1.52	3.53	4.98	1.36	0.671	0.478	0.564	0.833	0.846	0.851	1.21	1.55	1975
1976	0.816	1.59	7.92	2.24	1.02	0.575	0.834	0.662	1.26	1.41	2.49	1.14	1.83	1976
1977	1.07	0.950	7.67	2.04	0.611	0.470	0.449	0.570	0.982	1.57	2.09	2.17	1.73	1977
1978	1.59	0.923	1.31	7.36	1.41	0.795	0.462	0.441	0.568	1.25	2.13	1.06	1.52	1978
1979	1.76	1.14	7.66	3.70	1.35	0.662	0.547	0.727	0.645	1.26	2.85	3.46	2.16	1979
1980	1.32	0.820	4.51	3.95	1.40	2.07	2.14	1.19	1.17	2.42	2.12	3.37	2.21	1980
1981	1.33	6.46	1.88	1.80	2.28	1.26	0.777	1.64	1.93	2.27	2.45	1.57	2.10	1981
1982	1.50	1.18	3.01	8.58	1.34	1.69	0.805	0.796	0.703	0.818	2.43	4.32	2.26	1982
1983	2.00	2.34	3.11	3.24	2.26	0.986	0.487	0.327	0.694	1.11	1.41	1.17	1.59	1983
1984	0.987	4.63	3.28	2.51	1.38	0.762	0.697	0.604	0.920	0.829	1.50	2.80	1.73	1984
1985	1.68	3.94	7.11	5.33	1.30	0.726	0.740	0.885	2.23	1.91	2.89	1.71	2.52	1985
1986	1.67	1.30	6.35	2.41	1.04	0.768	0.793	0.698	3.72	3.83	1.61	1.89	2.18	1986
MEAN	1.48	2.18	4.76	4.06	1.50	0.949	0.796	0.750	1.25	1.58	2.11	2.09	1.94	MEAN

LOCATION - LAT 44 41 30 N DRAINAGE AREA, 168 km²
LONG 079 52 58 W NATURAL FLOW

REMARKS - STATION DISCONTINUED DEC 31 1986.

WYE RIVER AT WYEBRIDGE - STATION NO. 02ED011

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1973	---	---	---	---	1973
1974	24.7 AT 21:45 EST ON MAR 06	22.5 ON MAR 07	0.476 ON AUG 15	59 100	1974
1975	39.9 AT 05:26 EST ON APR 19	33.1 ON APR 19	0.399 ON JUL 18	48 800	1975
1976	41.3 AT 03:56 EST ON MAR 21 *	36.2 ON MAR 21	0.445 ON JUN 24	58 000	1976
1977	40.8 AT 20:53 EST ON MAR 13	37.1 ON MAR 14 *	0.328 ON MAY 25	54 600	1977
1978	22.4 AT 16:58 EST ON APR 11	16.2 ON APR 08	0.323 ON SEP 10	47 900	1978
1979	19.8 AT 04:17 EST ON DEC 25	16.8 ON MAR 24	0.386 ON JUL 20	68 000	1979
1980	34.2 AT 16:09 EST ON MAR 21	26.3 ON MAR 21	0.690 ON SEP 12	70 000	1980
1981	33.2 AT 16:14 EST ON FEB 23	32.3 ON FEB 23	0.597 ON JUL 11	66 400	1981
1982	35.6 AT 20:10 EST ON MAR 31	28.7 ON APR 01	0.248 ON SEP 12	71 300	1982
1983	9.58 AT 20:37 EST ON FEB 03	7.73 ON JAN 11	0.140 ON AUG 18 *	50 100	1983
1984	20.4 AT 09:35 EST ON DEC 29	16.2 ON DEC 29	0.501 ON AUG 28	54 700	1984
1985	27.6 AT 17:41 EST ON MAR 28	22.8 ON MAR 28	0.533 ON AUG 04	79 500	1985
1986	22.2 AT 04:07 EST ON SEP 30	19.0 ON MAR 26	0.445 ON JUL 12	68 800	1986
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		61 300	MEAN

WYE RIVER NEAR WYEVALE - STATION NO. 02ED013

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1987	0.797	0.747	4.28	2.60	0.349	0.462	0.264	0.219	0.204	0.624	1.16	1.55	1.11	1987
1988	1.18	0.907	1.94	1.83	0.627	0.299	0.206	0.292	0.751	0.849	1.44	1.23	0.963	1988
1989	1.48	0.982	3.50	2.13	1.53	1.27	0.324	0.240	0.335	0.708	1.34	0.793	1.22	1989
1990	1.73	1.46	4.00	1.83	0.845	0.456	0.363	0.257	0.244	0.907	2.05	2.08	1.35	1990
MEAN	1.30	1.02	3.43	2.10	0.838	0.622	0.289	0.252	0.384	0.772	1.50	1.41	1.16	MEAN

LOCATION - LAT 44 30 58 N DRAINAGE AREA, 118 km²
LONG 079 54 18 W REGULATED

REMARKS - STATION ACTIVATED OCT 21 1986. REPLACES STATION NO. 02ED011.

WYE RIVER NEAR WYEVALE - STATION NO. 02ED013

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1987	12.6 AT 08:50 EST ON APR 05	11.5 ON MAR 26	0.123 ON SEP 26	34 900	1987
1988	11.5 AT 21:00 EST ON MAR 25	8.33 ON MAR 26	0.102 ON JUL 21	30 400	1988
1989	20.2B AT 18:52 EST ON MAR 28 *	18.4 B ON MAR 28	0.013E ON SEP 30 *	38 500	1989
1990	19.7 AT 00:30 EST ON MAR 13	18.8 B ON MAR 13 *	0.133E ON SEP 09	42 700	1990
	B - ICE CONDITIONS E - ESTIMATED	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		36 600	MEAN

YORK RIVER NEAR BANCROFT - STATION NO. 02KD002

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1915	---	---	---	---	---	---	---	8.28	7.61	7.30	6.33	7.03	---	1915
1916	7.75	9.78	21.3	40.2	28.3	15.4	7.78	5.75	6.11	4.68	6.46	13.0	14.0	1916
1917	6.81	4.85	9.40	31.7	22.2	10.4	6.23	5.49	4.73	4.80	6.07	9.78	10.2	1917
1918	4.48	4.73	6.16	23.1	15.3	9.94	14.6	11.4	10.3	14.2	18.6	25.1	13.2	1918
1919	17.5	10.5	10.2	20.0	33.7	20.5	11.3	5.23	4.31	4.53	9.69	13.3	13.4	1919
1920	9.90	6.76	11.7	19.2	13.7	10.0	10.6	5.87	6.10	5.84	5.56	6.26	9.30	1920
1921	7.54	7.33	33.0	39.1	14.8	8.35	4.19	6.56	4.07	3.57	5.69	8.53	12.1	1921
1922	6.59	5.72	7.92	44.2	20.2	10.5	5.07	5.16	5.50	8.94	8.01	5.80	11.4	1922
1923	4.28	3.11	3.62	26.1	49.9	14.6	7.00	5.45	5.34	4.92	5.02	9.95	11.7	1923
1924	9.95	6.30	6.10	22.3	33.7	15.5	9.45	6.89	6.25	5.86	6.15	7.80	11.4	1924
1925	4.74	4.28	7.79	22.4	14.7	18.2	13.6	14.1	8.13	6.50	8.88	11.3	11.2	1925
1926	11.2	8.10	6.21	12.0	29.7	21.6	10.2	13.2	12.0	15.0	25.2	20.4	16.1	1926
1927	12.6	8.21	13.0	16.0	18.8	19.7	21.1	17.9	12.6	11.3	13.5	19.3	15.4	1927
1928	15.2	11.0	9.03	52.8	27.5	12.4	10.8	11.5	11.0	16.5	24.1	20.5	18.5	1928
1929	15.6	11.0	15.7	53.3	39.0	14.0	9.69	7.64	6.24	5.31	5.47	4.53	15.6	1929
1930	4.81	3.77	7.76	27.9	31.0	14.3	9.98	8.34	7.18	5.35	4.31	3.14	10.7	1930
1931	2.61	2.46	1.67	6.41	5.78	0.368	0.386	3.92	3.86	2.34	3.27	6.82	3.30	1931
1932	14.9	18.1	15.3	30.9	26.0	2.41	3.10	3.39	3.50	8.92	26.7	17.7	14.2	1932
1933	12.1	9.63	7.87	41.0	32.7	9.02	1.05	0.971	5.11	5.78	2.28	3.82	10.6	1933
1934	3.62	3.20	4.96	29.2	27.5	5.92	4.70	2.00	5.46	3.96	2.64	12.5	8.83	1934
1935	8.98	5.83	11.7	19.7	11.6	10.6	15.1	4.95	4.01	4.48	8.73	8.67	9.55	1935
1936	4.28	2.94	16.5	38.4	38.3	13.3	4.56	2.00	1.87	2.87	5.85	4.62	11.3	1936
1937	22.1	12.7	12.1	26.8	30.9	6.37	3.10	2.19	8.69	4.14	16.0	10.4	12.9	1937
1938	8.35	9.91	20.0	44.0	15.8	10.4	4.30	2.51	6.09	7.87	3.85	5.26	11.5	1938
1939	6.68	6.48	4.48	19.2	38.0	5.78	3.53	3.57	11.1	7.34	2.77	2.73	9.33	1939
1940	2.32	1.84	1.78	5.76	27.0	17.8	4.13	3.02	8.27	8.57	8.22	9.29	8.18	1940
1941	9.29	7.82	5.66	31.3	14.5	3.61	2.54	2.66	3.14	8.75	13.4	12.5	9.58	1941
1942	10.7	7.25	8.35	28.8	22.5	13.2	4.31	2.97	3.79	3.40	12.6	12.7	10.9	1942
1943	15.7	16.4	14.2	24.2	74.2	11.9	4.27	3.95	4.02	5.01	13.2	10.0	16.8	1943
1944	8.27	6.94	2.85	4.56	15.2	7.23	2.44	2.09	1.98	2.93	2.79	8.38	5.48	1944
1945	7.93	7.65	17.0	17.0	17.3	22.3	8.48	2.70	2.71	4.87	12.6	9.68	10.8	1945
1946	13.5	9.03	16.1	20.8	8.14	7.92	5.05	2.36	6.38	5.44	4.03	6.75	8.26	1946
1947	14.7	10.8	8.61	41.7	49.0	16.3	11.4	8.90	6.84	5.54	5.67	9.43	15.7	1947
1948	6.77	5.95	11.1	41.0	12.0	14.4	7.55	3.91	2.89	3.44	4.19	7.36	10.2	1948
1949	11.6	10.7	11.6	38.2	18.2	3.36	3.47	2.69	3.75	4.73	3.15	6.16	9.77	1949
1950	25.6	18.7	7.99	30.3	9.08	12.1	3.65	4.84	5.17	3.20	7.03	9.64	11.4	1950
1951	13.2	14.7	13.4	66.0	26.4	8.76	11.0	3.33	3.02	3.64	13.5	18.3	16.2	1951
1952	9.55	13.3	13.3	39.3	19.7	9.50	3.07	2.87	3.86	2.82	3.28	8.63	10.7	1952
1953	9.46	7.93	22.5	26.1	19.7	9.02	4.40	3.02	3.20	3.19	3.21	4.92	9.57	1953
1954	9.32	8.43	19.3	40.4	17.9	15.0	3.83	3.03	4.53	13.5	12.8	10.6	13.2	1954
1955	8.42	11.9	14.6	49.1	12.0	4.55	3.10	3.22	3.44	3.58	16.2	10.1	11.6	1955
1956	14.9	6.93	4.97	20.8	35.2	12.0	7.21	5.44	7.34	4.78	4.85	9.47	11.3	1956
1957	14.6	11.2	11.1	12.8	15.8	13.1	24.8	7.49	4.06	4.64	20.4	16.7	13.1	1957
1958	16.8	12.7	6.65	26.6	9.38	7.01	6.32	5.90	3.90	8.85	9.97	9.02	9.97	1958
1959	9.93	10.5	4.70	35.4	31.9	11.6	3.21	3.23	3.89	4.41	11.6	18.3	12.4	1959
1960	11.3	10.9	10.1	49.6	38.2	9.81	5.35	3.78	4.03	3.82	4.36	4.39	12.9	1960
1961	3.70	3.87	4.27	14.8	21.0	11.3	0.60	6.37	5.31	5.25	5.60	6.04	8.19	1961
1962	5.81	5.79	7.25	52.5	16.3	7.16	5.06	3.75	2.44	2.49	4.78	8.63	7.58	1962
1963	6.12	5.58	13.7	56.6	18.1	9.21	5.04	4.32	2.71	4.63	4.14	5.00	8.74	1963
1964	5.39	7.79	6.72	28.0	19.8	7.31	4.10	2.60	2.32	2.06	2.21	2.85	7.57	1964
1965	2.92	3.41	7.07	27.8	32.8	7.11	5.47	2.10	1.96	12.2	17.0	18.4	11.6	1965
1966	15.5	9.83	18.7	27.6	28.1	12.3	3.42	2.81	2.89	2.90	5.37	12.1	11.5	1966
1967	10.6	12.1	7.74	38.4	13.8	27.3	21.1	4.53	5.67	19.6	31.8	12.4	17.1	1967
1968	11.3	9.57	11.2	34.3	9.82	6.07	4.63	2.34	2.51	2.60	2.99	5.33	8.52	1968
1969	5.98	5.77	6.56	44.9	38.1	10.1	8.54	5.72	3.48	3.17	4.13	6.12	11.9	1969
1970	5.13	4.59	6.14	24.8	32.2	9.49	5.90	7.02	4.65	3.73	4.20	5.10	9.44	1970
1971	5.47	6.99	12.0	40.0	28.4	5.58	5.42	3.94	3.75	3.56	3.89	4.81	10.3	1971
1972	5.66	5.90	9.09	29.4	49.4	20.9	13.2	8.23	7.26	8.24	21.1	10.6	15.8	1972
1973	14.6	13.0	35.2	43.5	20.9	12.0	7.88	5.90	5.91	4.97	5.34	14.3	15.3	1973
1974	10.3	10.3	20.6	48.6	41.1	11.3	5.80	5.48	5.74	5.58	15.8	12.6	16.1	1974
1975	8.06	7.25	12.2	29.1	27.0	9.51	5.19	4.46	4.01	3.69	3.73	9.55	10.3	1975
1976	8.32	8.33	28.1	55.1	15.6	7.91	8.62	4.68	3.13	2.76	3.94	4.46	12.6	1976
1977	5.35	6.12	16.6	25.0	8.57	4.59	3.41	2.84	2.69	5.19	12.9	16.5	8.98	1977
1978	7.96	7.77	9.18	34.4	35.2	7.06	4.96	4.41	5.21	5.26	5.42	11.2	11.7	1978
1979	9.41	8.33	20.8	52.9	25.6	11.6	4.85	3.75	3.61	4.18	11.9	21.6	14.9	1979
1980	12.5	7.39	13.1	49.1	13.7	15.1	12.2	13.7	5.15	10.9	15.1	11.9	15.0	1980
1981	5.40	22.2	30.1	33.5	17.2	9.46	5.79	4.07	5.43	8.59	8.28	8.04	13.1	1981
1982	6.49	5.19	9.00	44.2	18.9	19.2	6.29	4.08	4.09	3.79	10.4	25.9	13.1	1982
1983	18.4	10.9	17.8	26.4	46.7	13.5	4.85	3.51	2.84	4.28	5.78	11.5	13.9	1983
1984	8.66	11.7	17.4	52.8	21.7	8.74	6.17	5.78	6.55	3.31	8.04	11.6	13.5	1984
1985	20.3	9.60	20.3	53.9	23.0	8.77	5.74	3.93	5.08	6.44	10.7	13.7	15.1	1985
1986	6.83	7.27	14.5	30.2	23.5	12.5	6.63	7.48	6.71	20.4	8.26	8.39	12.8	1986
1987	7.24	6.09	11.3	37.7	10.0	8.26	5.36	4.19	1.52	1.07	4.06	16.1	9.40	1987
1988	8.09	9.04	12.5	43.5	21.7	4.33	1.29	1.02	1.14	5.61	8.35	6.88	10.1	1988
1989	6.86	7.16	12.2	30.8	25.8	11.5	3.60	0.936	1.32	2.02	9.29	6.39	9.81	1989
1990	7.77	10.2	25.2	30.1	18.2	6.40	4.20	3.01	1.43	6.90	10.5	18.8	11.9	1990
MEAN	9.63	8.50	12.3	32.4	24.5	11.0	7.02	5.05	4.83	5.96	9.02	10.7	11.7	MEAN

LOCATION - LAT 45 03 08 N
LONG 077 50 42 W
DRAINAGE AREA, 837 km²
REGULATED

YORK RIVER NEAR BANCROFT - STATION NO. 02KD002

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1915	---	---	---	---	1915
1916	---	49.0 ON APR 26	3.20 ON OCT 01	441 000	1916
1917	---	43.6 ON APR 26	3.40 ON OCT 12	322 000	1917
1918	---	34.0 ON DEC 03	2.66 ON JAN 27	417 000	1918
1919	---	45.0E ON MAY 28	2.44 ON SEP 28	423 000	1919
1920	---	28.6 ON APR 04	3.51 ON OCT 17	294 000	1920
1921	---	53.7 ON MAR 30	1.61 ON JUL 02	381 000	1921
1922	---	91.2 ON APR 21	4.53 ON JUN 24	350 000	1922
1923	---	72.5 ON MAY 07	3.11 B ON FEB 01	368 000	1923
1924	---	41.1 ON MAY 05	2.69 ON NOV 04	360 000	1924
1925	---	30.0 ON APR 16	3.91 B ON JAN 30	354 000	1925
1926	---	42.5 ON MAY 12	6.06 ON MAR 28	509 000	1926
1927	---	45.6 ON JUL 26	6.94 B ON MAR 01	485 000	1927
1928	---	77.0 ON APR 14	7.79 ON SEP 05	585 000	1928
1929	---	68.8 ON APR 17	4.53 B ON DEC 01	493 000	1929
1930	---	43.6 ON MAY 04	3.14 B ON DEC 01	337 000	1930
1931	---	14.7 ON MAY 04	0.368 ON MAY 14	104 000	1931
1932	---	41.3 ON APR 24	1.84 ON JUN 04	449 000	1932
1933	---	76.7 ON APR 25	0.850 ON JUL 08	334 000	1933
1934	---	49.8 ON MAY 05	0.878 ON AUG 18	278 000	1934
1935	---	32.8 ON MAR 28	0.878 ON MAY 29	301 000	1935
1936	---	65.1 ON MAY 12	1.27 ON AUG 14	357 000	1936
1937	---	49.8 ON APR 30	1.33 ON JUL 25	408 000	1937
1938	---	57.5 ON APR 02	0.530 ON OCT 30	362 000	1938
1939	---	68.5 ON MAY 01	0.793 ON OCT 29	294 000	1939
1940	---	39.9 ON MAY 31	1.59 ON AUG 11	259 000	1940
1941	---	64.0 ON APR 21	2.67 ON AUG 24	302 000	1941
1942	---	37.1 ON MAY 24	2.12 ON SEP 27	343 000	1942
1943	---	106 ON MAY 10 *	2.15 ON OCT 10	530 000	1943
1944	---	24.2 ON MAY 26	1.25 ON SEP 03	173 000	1944
1945	---	34.3 ON MAY 20	1.76 ON JUL 29	342 000	1945
1946	---	27.8 ON APR 03	1.93 ON AUG 04	260 000	1946
1947	---	86.7 ON MAY 03	4.67 ON OCT 28	494 000	1947
1948	---	44.7 ON APR 13	1.76 ON OCT 27	321 000	1948
1949	---	48.4 ON APR 17	0.736 ON AUG 01	308 000	1949
1950	---	44.7 ON APR 17	0.028 ON SEP 22 *	358 000	1950
1951	---	98.0 ON APR 16	2.29 ON SEP 09	511 000	1951
1952	---	61.7 ON APR 23	2.27 ON AUG 29	339 000	1952
1953	---	48.7 ON APR 04	2.35 ON NOV 15	302 000	1953
1954	---	57.8 ON APR 19	1.70 ON AUG 23	416 000	1954
1955	---	93.7 ON APR 21	2.63 ON JUL 11	366 000	1955
1956	---	42.5 ON MAY 16	3.51 ON NOV 04	356 000	1956
1957	---	64.8 ON JUL 03	2.15 ON SEP 09	412 000	1957
1958	---	43.0 ON APR 22	2.63 ON AUG 20	314 000	1958
1959	---	69.7 ON MAY 01	1.10 ON JUN 28	390 000	1959
1960	---	102 ON APR 25	1.53 ON OCT 15	409 000	1960
1961	---	50.7 ON APR 27	3.54 ON APR 02	258 000	1961
1962	---	36.0 ON APR 14	1.64 ON SEP 14	239 000	1962
1963	---	53.8 ON APR 09	2.44 ON SEP 01	276 000	1963
1964	---	55.8 ON APR 23	0.575 ON OCT 25	239 000	1964
1965	---	58.3 ON MAY 04	1.15 ON SEP 05	364 000	1965
1966	---	47.9 ON APR 30	1.80 ON NOV 13	426 000	1966
1967	56.4 AT 17:30 EST ON APR 19	56.1 ON APR 19	3.06 ON AUG 20	538 000	1967
1968	70.2 AT 12:55 EST ON APR 05	67.1 ON APR 06	1.21 ON AUG 18	269 000	1968
1969	75.6 AT 14:55 EST ON APR 19	74.5 ON APR 19	2.25 ON SEP 08	375 000	1969
1970	75.3 AT 10:35 EST ON APR 27	74.8 ON APR 28	2.81 ON OCT 30	298 000	1970
1971	77.6 AT 03:40 EST ON APR 25	77.3 ON APR 25	2.80 ON OCT 21	325 000	1971
1972	92.0 AT 23:15 EST ON MAY 04	91.2 ON MAY 04	4.90 B ON JAN 16	498 000	1972
1973	81.6 AT 17:28 EST ON APR 05	80.7 ON APR 05	2.37 ON NOV 20	402 000	1973
1974	80.7 AT 08:41 EST ON MAY 16	79.6 ON MAY 16	3.43 ON OCT 06	307 000	1974
1975	79.6 AT 14:17 EST ON APR 27	79.0 ON APR 27	2.62 ON NOV 15	326 000	1975
1976	101 AT 00:25 EST ON APR 07	97.4 ON APR 07	1.21 ON SEP 21	398 000	1976
1977	52.7 AT 09:24 EST ON APR 07	49.8 ON APR 07	2.18 ON SEP 05	283 000	1977
1978	85.8 AT 18:53 EST ON APR 28	84.1 ON APR 28	2.69 ON APR 06	368 000	1978
1979	79.5 AT 02:33 EST ON APR 06	79.0 ON APR 06	1.78 ON AUG 27	469 000	1979
1980	86.1 AT 14:01 EST ON APR 16	85.3 ON APR 16	3.57 ON SEP 19	473 000	1980
1981	86.2 AT 20:57 EST ON FEB 24	82.8 ON FEB 25	2.64 ON AUG 25	413 000	1981
1982	84.6 AT 16:23 EST ON APR 20	83.7 ON APR 22	2.79 ON OCT 09	414 000	1982
1983	105 AT 01:43 EST ON MAY 10	102 ON MAY 10	2.04 ON SEP 10	439 000	1983
1984	75.7 AT 19:26 EST ON APR 16	74.1 ON APR 19	3.15 ON OCT 16	427 000	1984
1985	106 AT 02:17 EST ON APR 26 *	103 ON APR 25	3.00 ON AUG 25	477 000	1985
1986	69.6 AT 07:21 EST ON APR 04	69.3 ON APR 04	4.45 ON MAR 10	402 000	1986
1987	82.8 AT 08:21 EST ON APR 08	81.9 ON APR 08	0.343 ON OCT 04	296 000	1987
1988	80.7 AT 00:26 EST ON APR 09	80.6 ON APR 09	0.287 ON SEP 04	318 000	1988
1989	54.8 AT 18:42 EST ON APR 01	53.8 ON APR 01	0.260 ON OCT 19	309 000	1989
1990	57.2 AT 17:04 EST ON MAR 20	56.9 ON MAR 20	0.256 ON SEP 27	375 000	1990
				371 000	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

YOUNG CREEK NEAR VITTORIA - STATION NO. 02GC014

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1963	---	---	---	---	---	---	---	---	---	0.363	0.396	0.427	---	1963
1964	0.495	0.434	0.955	0.966	0.792	0.406	0.382	0.755	0.434	0.397	0.452	0.725	0.601	1964
1965	0.802	1.37	2.25	1.66	0.649	0.452	0.365	0.431	0.489	0.686	0.714	0.830	0.888	1965
1966	0.674	0.901	1.31	1.00	0.722	0.467	0.374	0.404	0.483	0.422	0.504	1.05	0.684	1966
1967	0.826	0.656	0.814	1.18	0.911	0.508	0.514	0.432	0.383	0.560	0.686	0.737	0.684	1967
1968	0.711	1.11	0.990	0.787	0.627	0.716	0.504	0.459	0.551	0.555	0.805	0.952	0.721	1968
1969	1.75	1.11	0.939	1.44	1.08	0.766	0.585	0.458	0.452	0.514	0.721	0.751	0.879	1969
1970	0.689	0.777	0.986	0.948	0.580	0.419	0.397	0.337	0.418	0.536	0.851	0.793	0.643	1970
1971	0.679	0.953	1.43	1.00	0.604	0.475	0.365	0.357	0.395	0.462	0.517	0.622	0.653	1971
1972	0.672	0.537	2.09	1.38	0.836	0.588	0.530	0.452	0.477	0.519	0.701	0.985	0.816	1972
1973	0.788	0.703	1.68	1.10	0.786	0.587	0.474	0.422	0.378	0.530	0.740	0.878	0.756	1973
1974	0.989	0.940	1.30	1.10	1.12	0.696	0.542	0.492	0.515	0.546	0.682	0.762	0.807	1974
1975	0.868	0.978	1.18	0.881	0.634	0.708	0.487	0.481	0.644	0.595	0.739	1.06	0.770	1975
1976	0.952	1.77	2.30	1.23	1.23	0.699	0.700	0.615	0.560	0.629	0.669	0.606	0.996	1976
1977	0.494	0.591	1.80	1.45	0.683	0.520	0.480	0.472	1.21	0.952	0.901	1.35	0.909	1977
1978	0.858	0.752	1.78	1.50	---	---	---	---	---	---	---	---	---	1978
MEAN	0.816	0.905	1.45	1.17	0.804	0.572	0.479	0.469	0.528	0.551	0.672	0.829	0.772	MEAN

LOCATION - LAT 42 45 52 N DRAINAGE AREA, 65.8 km²
LONG 080 17 45 W REGULATED

REMARKS - SEASONAL REGULATION

YOUNG CREEK NEAR VITTORIA - STATION NO. 02GC014

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1963	---	---	---	---	1963
1964	3.23 AT 18:00 EST ON AUG 23	2.50 ON AUG 24	0.241 ON JUL 30	19 000	1964
1965	13.3 AT 12:30 EST ON MAR 05 *	11.4 ON MAR 06 *	0.278 ON JUL 27	28 000	1965
1966	4.05 AT 14:45 EST ON DEC 07	2.86 ON DEC 08	0.235 ON JUN 08 *	21 600	1966
1967	3.96 AT 16:15 EST ON NOV 01	2.19 ON APR 07	0.337 ON SEP 19	21 600	1967
1968	5.92 AT 17:00 EST ON FEB 02	4.98 ON FEB 02	0.345 ON JUL 23	22 800	1968
1969	---	7.08E ON JAN 30	0.411 ON AUG 15	27 700	1969
1970	2.47 AT 08:53 EST ON NOV 05	2.02 ON APR 03	0.297 ON AUG 09	20 300	1970
1971	3.71 AT 01:45 EST ON FEB 28	2.94 ON FEB 28	0.297 ON AUG 10	20 600	1971
1972	10.8 AT 09:37 EST ON MAR 02	7.33 ON MAR 02	0.391 ON AUG 22	25 800	1972
1973	3.99 AT 03:30 EST ON MAR 18	3.57 ON MAR 15	0.331E ON SEP 09	23 800	1973
1974	4.19 AT 16:43 EST ON MAR 05	3.51 ON MAR 05	0.447 ON AUG 30	25 400	1974
1975	3.68 AT 08:53 EST ON SEP 23	3.09 ON FEB 25	0.365 ON AUG 01	24 300	1975
1976	9.26 AT 22:31 EST ON MAR 05	6.74 ON MAR 05	0.493B ON DEC 31	31 500	1976
1977	12.9 AT 17:56 EST ON SEP 26	7.76 ON SEP 26	0.377 ON JUL 29	28 700	1977
1978	9.71 AT 19:03 EST ON MAR 21	6.74 ON MAR 21	---	---	1978
				24 400	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

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